O/C

LUPIN LIMITED
Block No.21, Village Dabhasa
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ENV/MoEF&CC/2324/3011 **30.11.2023**

To,
Deputy Director General of Forest (Central)
Regional Office, Western Region,
Ministry of Environment, Forest & Climate Change
Kendriya Parayavaran Bhavan, Link Road – 3, Ravishankar Nagar,
Bhopal – 462016 (M.P.)

Sub: Submission of Environment Clearance Compliance Report (For the period Apr 23 to Sep 23)

Ref: Environment Clearance letter no. J-11011/131/2012/-IA.II(I) dtd 04.02.15

Respected Sir,

We would like to mentioned here that we have been trying to submit six monthly EC compliance report (Apr 23 to Sep 23) online on Parivesh Portal but unable to update data on the Portal. Since we are unable to submit report online, we are submitting through email.

We are in touch with the help desk of the Parivesh Portal to submit the report online.

Six monthly EC compliance report along with Annexures are attached.

Thanking You,

Yours Faithfully,
For **Lupin Limited**

R C Dave
Site Head & Sr. GM – Manufacturing

CC: 1. RO, GPCB, Vadodara
2. CPCB, Vadodara

11/12/23
G. P. C. Board
GERI Compound
Race Course, Vadodara

Scanned with OKEN Scanner

ANNEXURE – 1

Production Details as per CC&A: W - 128232 dated 06/09/2023 (Change in Product Mix on basis of no increase in pollution load)

Group	Sr. No	Final Name of Product List	Total Production (TPA)	Actual (Group) (TPA)
A	**Category - I**			
	1	1-(3-CHLOROPHENYL)-4-(3-CHLOROPROPYL)PIPERAZINE HYDROCHLORIDE	**10.00**	**0.513**
	2	BRIVERACETAM-VII		
	3	BRIVARACETAM		
	4	ZIPRASIDONE HYDROCHLORIDE		
	5	ILAPRAZOLE		
	6	PRASUGREL HYDROCHLORIDE		
	7	TENOFOVIR DISOPROXIL FUMARATE		
	8	REMDESIVIR		
	9	METFORMIN HYDROCHLORIDE		
	10	AZITHROMYCIN DIHYDRATE		
	11	4-IMINO-3-AMINO RIFAMYCIN-S / IMINO RIFAMYCIN-S		
	12	DROXIDOPA		
	13	MIRABEGRON		
	14	TELMISARTAN		
	15	ILOPERIDONE		
	16	COLESEVELAM HYDROCHLORIDE		
	17	PIOGLITAZONE HYDROCHLORIDE		
	18	DEXLANNSOPRAZOLE		
	19	CICLETANINE HYDROCHLORIDE		
	20	RUFINAMIDE		
	21	RIFABUTIN		
	22	RIVAROXABAN		
	23	APREMILAST/ APREMILAST (Form-M)		
	24	ZIDOVUDINE		
B	**Category - II**			
	25	Levetircetam	**690.00**	**65.851**
C	**Category - III**			
	26	RIFAXIMIN	**125**	**6.173**
	27	NIMORAZOLE		
	28	QUETIAPINE FUMARATE		
	29	FLUPIRTINE MALEATE		
D	**Category - IV**			
	30	Mesalamine	**80**	**2.599**
	31	ACOTIAMIDE HYDROCHLORIDE HYDRATE		
	32	CARVEDILOL		
	33	VENLAFLAXINE HYDROCHLORIDE		
	34	FEBUXOSTAT		
	35	ATAZANAVIR SULFATE		

	36	BUPROPION HYDROCHLORIDE		
	37	CELECOXIB		
	38	LANTHANUM CARBONATE DIHYDRATE		
	39	DRONEDARONE HYDROCHLORIDE		
	40	LACOSAMIDE		
	41	FLUPIRTINE BASE		
	42	LURASIDONE HYDROCHLORIDE		
	43	CINACALCET HYDROCHLORIDE		
	44	DABIGATRAN ETEXILATE MESYLATE		
	45	ESLICARBAZEPINE ACETATE		
	46	IRBESARTAN		
	47	OMEPRAZOLE		
	48	MOLNUPIRAVIR		
	49	RIFAPENTINE		
	Category - V			
	50	Pregabaline		
	51	METOPROLOL SUCCINATE		
E	52	ATORVASTATIN CALCIUM (TRIHYDRATE / AMORPHOUS)	**100**	**0.386**
	53	AMLODIPINE BESYLATE		
	54	FERRIC CITRATE		
	55	SUCROFERRIC OXYHYDROXIDE		
	Category - VI			
	56	TENELIGLIPTIN HYDROBROMIDE HYDRATE		
	57	Azithromycin Monohydrate		
	58	Sevelamer Carbonate		
	59	SEVELAMER HYDROCHLORIDE		
	60	DESVVENLAFAXINE SUCCINATE MONOHYDRATE		
	61	PIRFENIDONE		
F	62	DESVENLAFAXINE BENZOATE	**50**	**10.735**
	63	ESOMEPRAZOLE MAGNESIUM DIHYDRATE		
	64	OLMESARTAN MEDOXOMIL		
	65	FENOFIBRATE		
	66	DESLORATADINE		
	67	LANSOPRAZOLE		
	68	PROGLUMETACIN MALEATE		
	69	CYCLOSERINE		
	70	RITONAVIR		
G	71	R&d Pilot plant Trial Run Products (Bulk Drugs and Intermediates)	**30**	**0.480**

Production Details as per CTE No. : 125986 dated 10/05/2023 (Change in Product Mix on basis of no increase in pollution load)

Group	Sr. No	Final Name of Product List	Total Production (TPA)
A	**Category - I**		**10.00**
	1	1-(3-CHLOROPHENYL)-4-(3-CHLOROPROPYL)PIPERAZINE HYDROCHLORIDE	
	2	BRIVERACETAM-VII	
	3	BRIVARACETAM	
	4	ZIPRASIDONE HYDROCHLORIDE	
	5	ILAPRAZOLE	
	6	PRASUGREL HYDROCHLORIDE	
	7	TENOFOVIR DISOPROXIL FUMARATE	
	8	REMDESIVIR	
	9	METFORMIN HYDROCHLORIDE	
	10	AZITHROMYCIN DIHYDRATE	
	11	4-IMINO-3-AMINO RIFAMYCIN-S / IMINO RIFAMYCIN-S	
	12	DROXIDOPA	
	13	MIRABEGRON	
	14	TELMISARTAN	
	15	ILOPERIDONE	
	16	COLESEVELAM HYDROCHLORIDE	
	17	PIOGLITAZONE HYDROCHLORIDE	
	18	DEXLANNSOPRAZOLE	
	19	CICLETANINE HYDROCHLORIDE	
	20	RUFINAMIDE ~~USP~~	
	21	RIFABUTIN	
	22	RIVAROXABAN	
	23	APREMILAST/ APREMILAST (Form-M)	
	24	ZIDOVUDINE	
B	**Category - II**		
	25	Levetircetam	**690.00**
C	**Category - III**		**125**
	26	RIFAXIMIN	
	27	NIMORAZOLE	
	28	QUETIAPINE FUMARATE	
	29	FLUPIRTINE MALEATE	
D	**Category - IV**		**80**
	30	Mesalamine	
	31	ACOTIAMIDE HYDROCHLORIDE HYDRATE	
	32	CARVEDILOL	
	33	VENLAFLAXINE HYDROCHLORIDE	
	34	FEBUXOSTAT	
	35	ATAZANAVIR SULFATE	
	36	BUPROPION HYDROCHLORIDE	
	37	CELECOXIB	
	38	LANTHANUM CARBONATE DIHYDRATE	
	39	DRONEDARONE HYDROCHLORIDE	

	40	LACOSAMIDE	
	41	FLUPIRTINE BASE	
	42	LURASIDONE HYDROCHLORIDE	
	43	CINACALCET HYDROCHLORIDE	
	44	DABIGATRAN ETEXILATE MESYLATE	
	45	ESLICARBAZEPINE ACETATE	
	46	IRBESARTAN	
	47	OMEPRAZOLE	
	48	MOLNUPIRAVIR	
	49	RIFAPENTINE	
	Category - V		
E	50	Pregabaline	**100**
	51	METOPROLOL SUCCINATE	
	52	ATORVASTATIN CALCIUM (TRIHYDRATE / AMORPHOUS)	
	53	AMLODIPINE BESYLATE	
	54	FERRIC CITRATE	
	55	SUCROFERRIC OXYHYDROXIDE	
	Category - VI		
F	56	TENELIGLIPTIN HYDROBROMIDE HYDRATE	**50**
	57	Azithromycin Monohydrate	
	58	Sevelamer Carbonate	
	59	SEVELAMER HYDROCHLORIDE	
	60	DESVVENLAFAXINE SUCCINATE MONOHYDRATE	
	61	PIRFENIDONE	
	62	DESVENLAFAXINE BENZOATE	
	63	ESOMEPRAZOLE MAGNESIUM DIHYDRATE	
	64	OLMESARTAN MEDOXOMIL	
	65	FENOFIBRATE	
	66	DESLORATADINE	
	67	LANSOPRAZOLE	
	68	PROGLUMETACIN MALEATE	
	69	CYCLOSERINE	
	70	RITONAVIR	
G	71	R&d Pilot plant Trial Run Products (Bulk Drugs and Intermediates)	**30**

Production Details as per F. No. J-11011/131/2012 - IA II (I) dated 04/02/2015

Group	Sr. No	Final Name of Product List	Total Production (TPA)
	Category - I		
A	1	1-(3-Chlorophenyle)-4-(3-Chloropropyle)Piperazine Hydrochloride	**800**
	2	1-[4-Chlorophenyl)(Pehnyl)Methyl] Piperazine	
	3	1-Chloro-4-[Chloro(Phenyl)Methyle]Benzene	
	4	(4-Chlorophenyl)(Phenyl) Methanol	
	5	2-Benzhydrylsulphinylacetic acid	
	6	S-(+)-2-Aminobutramide Hydrochloride	
	Category - II		
B	7	1-Amino Indane	**200**
	8	Lacosamide	
	9	4-Imino-3-Amino Rifamycin-S	
	10	Amisulpride	
	11	Flupirtine Maleate	
	12	Quetiapine Fumarate	
	13	Atorvastatin Calcium	
	14	Simvastatin	
	15	Desvenlaflaxine Succinate	
	16	Desvenlafalxine Benzoate	
	17	Prasugrel Hydrochloride	
	18	Ilaprazole	
	19	Eslicarbazepine Acetate	
	20	Fenofibrate	
	21	Aripiprazole	
	Category - III		
C	22	Levetiracetam	**300**
	23	Ranolazine	
	24	Duloxetine Hydrochloride	
	25	Irbesartan	
	26	Venlaflaxine Hydrochloride	
	27	Pentoprazole Sodium	
	28	Amlodipine Besylate	
	29	Levofloxacin	
	30	Esomeprazole Magnesium	
	31	Pregabalin	
	32	Olmesartan Medoxomil	
	33	Candesartan Cilexetil	
	34	Iloperidone	
	35	Febuxostat	
	36	Proglumetacin Maleate	
	37	Nimorazole	
	38	Entacapone	
	39	Itopride Hydrochloride	
	40	Etiracetam	
	41	Rivastigmine	
	42	Efletirizine	
	43	Carvedilol	

	44	Rasagiline Mesylate	
	45	Pramipexole Dihydrochloride	
	46	Flupirtine Base	
	47	Trimethobenzamide Hydrochloride	
	48	Fasudil Hydrochloride	
	49	Ramosetrone Hydrochloride	
	50	Lurasidone Hydrochloride	
	51	Cicletanine Hydrochloride	
	52	Celecoxib	
	53	Omeprazole Magnesium	
	Category - IV		
D	54	Clopidotrel Bisulfate	**80**
	55	Desloratadine	
	56	Sevelamer Carbonate	
	57	Clindamycin Palmitate Hydrochloride	
	58	Armodafinil	
	59	Azithromycin Monohydrate	
	60	Sertraline Hydrochloride	
	61	Lansoprazole	
	62	Diacereine	
	63	Memantine Hydrochloride	
	64	Eszopiclone	
	65	Tolterodine Tartrate	
	66	Dronedarone Hydrochloride	
	67	Fexofenadine Hydrochloride	
	68	Trazodone Hydrochloride	
	69	Conivaptan Hydrochloride	
	70	Mirabegron	
	71	Efavirenz	
	72	Telmisartan	
	73	Pioglitazone Hydrochloride	
	74	Emtricitabine	
	75	Mesalamine	
	76	Ziprasidone Hydrochloride	
	77	Bazedoxifene Acetate	
	78	Rabeprazole Sodium	
	79	Nabumetone	
	80	Naftopidil	
	81	Tenofovir Disoproxil Fumarate	
	82	Ritonavir	
E	83	R & D Pilot Plant Trial Run Products (Bulk Drugs and Intermediates)	**100**

LUPIN LIMITED, DABHASA
COMPLIANCE REPORT
[PERIOD APR 23 TO SEP 23]
ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)
DATED 04.02.2015

Annexure 2

Sr. NO.	CONDITIONS	COMPLIANCE
A	**SPECIFIC CODITIONS:**	
i)	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.	**COMPLIED.** Applicable Condition of National Emission Standards for Organic Chemicals Manufacturing Industry, G.S.R. 608(E) dated 21st July 2010 are followed. The unit is zero liquid discharge (ZLD) & the recycled water is consumed in utilities. Kindly note that we do not have in-house incinerator. Our storm drains are totally segregated from effluent transferring system. The effluent transferring system is through pumping mechanism only. At the outlet of premises guard pond has been constructed to control and prevent contaminated water (if any) to flow outside the premises & return back to ETP.
ii)	Stack of adequate height shall be provided to oil fired boiler 4, boiler 5 and thermic fluid heater (TFH-2) to disperse waste gases into atmosphere as per CPCB/SPCB guidelines.	**COMPLIED.** Adequate stack height is provided for currently installed TFH and boilers. They are having stack height of 30 & 38 meters respectively. Boiler 4 & 5 are not yet installed. The stack heights as mentioned in REIA will be provided when stacks for proposed boilers are installed.
iii)	Scrubber shall be provided to control process emissions viz. HCl, SO2, NH3, NO, Bromine and Ethyl Chloride. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.	**COMPLIED.** Adequate number of scrubbers provided to control process emissions. Effluent generated from scrubber is sent to ETP. We ensure that all gaseous emissions & particulate matters from process units conform to the standards as laid down by the concerned authorities. Further, on-line pH meters on scrubbers have been installed for better control on pH of scrubber media. Scrubber monitoring data by MoEF&CC approved laboratory along with summary is attached as **Annexure-A**
iv)	Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th	**COMPLIED.** Ambient air quality monitoring in the company is being carried out by MoEF&CC

Sr. NO.	CONDITIONS	COMPLIANCE
	September, 2009. The levels of PM2.5, PM10, SO2, NOx, VOC, CO, NH3 and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the Gujarat Pollution Control Board (GPCB).	approved laboratory. Ambient air monitoring data by MoEF&CC approved laboratory along with summary is attached as **Annexur-B** We have also installed the continuous ambient air quality monitoring station. **Annexure-B:** Photograph of Ambient Air Quality Monitoring Station.
v)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the GPCB.	**COMPLIED.** All majority of chemicals are transferred through closed loop systems. Controlling measures such as vent condensers, scrubbing mechanism are installed in manufacturing processes. Following steps have been taken to control the fugitive emissions: 1. All the equalisation tanks are covered from top and scrubber mechanism is provided. 2. High pressure Odour suppressant system is provided on bioreactors & sludge handling areas. 3. Underground high COD open tanks are demolished and replaced with above ground high COD (closed) tanks. 4. All solvents are handled in close system. 5. All reactors have double stage condensers. 6. All pumps & pipelines are maintained as per preventive schedule and checked periodically and whenever required. 7. Breather valves, Flame arrestors & vent condensers have been provided for solvent storage tanks. Fugitive emissions in the work area are regularly monitored.

Sr. NO.	CONDITIONS	COMPLIANCE
		Work Area monitoring data is attached as **Annexure-C** **Annexure-C:** Photograph of Equalisation tank covered & provided with Scrubber mechanism, Odour suppressant system (fugitive emissions), Above ground high COD (closed) tanks, Flame Arrestor & Vent condensers.
vi)	For further control of fugitive emissions, following steps shall be followed : 1. Closed handling system shall be provided for chemicals. 2. Reflux condenser shall be provided over reactor. 3. System of leak detection and repair of pump/pipeline based on preventive maintenance. 4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water. 5. Cathodic protection shall be provided to the underground solvent storage tanks.	**COMPLIED.** For further control of fugitive emissions, following steps followed; Closed handling system provided for chemicals. Reflux condenser provided over reactor. System of leak detection and repair of pump/pipeline based on preventive maintenance. The acids taken from storage tanks to reactors through closed pipeline. Storage tanks vented through trap receiver and condenser operated on chilled water.
vii)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	**COMPLIED.** Stack of adequate height are provided for DG Sets. Installed acoustic enclosures for DG Sets. Stack height of 1010 KVA is 30 meters, while 320 KVA & 600 KVA is 10 meters. **Annexure-D:** Photograph of Acoustic enclosure of D. G. Set.
viii)	Solvent management shall be carried out as follows : 1. Reactor shall be connected to chilled brine condenser system. 2. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. 3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.	**COMPLIED.** The company have taken following steps for solvent management: • Reactors are connected with double-stage condensers; the vent condensers are supplied with chilled brine / chilled water to minimize vapour loss. • All solvent handling pumps with mechanical seal have been installed.

Sr. NO.	CONDITIONS	COMPLIANCE
	4. Solvents shall be stored in a separate space specified with all safety measures. 5. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. 6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. 7. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	• All condensers with sufficient HTA & residence time are provided. • All solvents are stored separately in dedicated tank farms having all safety precautions. • Proper earthing is provided in all the electrical equipment wherever solvent handling is done. • Plant equipment, including tank farms are flame-proof, breather valve are provided on solvent tanks. • Solvent storage tank are connected with vent condenser with chilled brine circulation.
ix)	Total fresh water requirement from ground water source shall not exceed 711m3/day and prior permission shall be obtained from the CGWA/SGWA and prior permission shall be obtained from the CGWA/SGWA.	**COMPLIED.** Renewal of NOC for withdrawal of groundwater received through letter no. CGWA/NOC/IND/REN/2/2022/7163 dated 25.08.2022 valid upto 05.07.23. Already applied for renewal on 09.05.2023. Copy of CGWA NOC as **Annexure-Q**. Fresh water consumption from Apr 23 to Sep 23 is 206.97 m3/day.
x)	The Company shall ensure zero liquid effluent discharge from the entire unit after expansion through the treatment scheme comprising segregation of effluent streams into high COD/TDS and low COD/TDS effluent stream, MEE, biological treatment, RO etc. Condensate and recover water will be recycled/reused within factory premises.	**COMPLIED.** Zero Liquid Discharge implemented & same is in regular operation. It consists of RO, MEE, ATFD. Recovered water is recycled & reused back in utilities. **Annexure-E:** Photograph of Reverse Osmosis (RO) & Multi-Effect Evaporator (MEE).
xi)	'Zero' effluent discharge shall be adopted and no effluent shall be discharged outside the premises.	**COMPLIED.** Effluent is treated in ETP followed by RO, MEE and ATFD. Recovered water is recycled and reused in utilities.
xii)	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	**COMPLIED.** All domestic & storm water drains have been segregated. Guard Pond constructed wherein the storm drain passes through the same.

Sr. NO.	CONDITIONS	COMPLIANCE
		Annexure-F: Photograph of Guard pond at the final outlet of storm drain.
xiii)	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	**COMPLIED.** Hazardous chemicals are stored in tanks, tank farms, drums, carboys, etc. with adequate precautions. Flame arresters provided on tank farm. Solvents are transferred through pumps. **Annexure-G:** Photograph of flame arresters on storage tanks.
xiv)	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.	**COMPLIED.** Process organic waste & spent carbon are sent to cement industries / TSDF / waste mixing facility authorised by SPCB. ETP sludge, process-inorganic salts and ATFD salts are sent to TSDF. As applied in letter dated 14.09.15, we do not have a coal fuel boiler, hence fly ash from boiler to brick manufacturer is not applicable. Manifest copies of waste disposal dtd. 14.09.2023 & 29.09.2023 (for the said period) is enclosed here as **Annexure-H**.
xv)	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency.	**COMPLIED.** Combined consent & amended received on 06.09.2023 CCA- W-128232, valid till 30.09.2025. CCA copy attached **Annexure-I** Fire hydrant & sprinkler system installed for firefighting in case of emergency.
xvi)	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	**COMPLIED.**
xvii)	Fly ash should be stored separately as per CPCB guidelines so that it should not	This Point is not applicable to us as we do not have coal fired boiler.

Sr. NO.	CONDITIONS	COMPLIANCE
	adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust should be avoided.	
xviii)	The company shall undertake following waste minimization measures :- a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for equipment cleaning to reduce wastewater generation.	**COMPLIED.** The company has active program for waste minimization like maximizing reuse of solvents in processes, metering of quantities of active ingredients, closed feed systems, etc.
xix)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	**COMPLIED.** All precautions with respect to fire prevention & control are taken at site. We have ensured hazardous area classification, earthing, bonding, procedure control and training. Robust & full fledge firefighting system is in place to control any emergencies at site.
xx)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. Occupational health section to be strengthening by employing a full time Doctor.	**COMPLIED.** Occupational health surveillance of the workers (Annual medical check up and pre-employment medical check up) is carried out on a regular basis as per section-41-C of the Factories Act and Rule-68-T of Gujarat Factories Rules and records are maintained. Sample copy of health report is attached for reference as **Annexure-J**. Company has a manned OHC along with full time doctor (FMO) for occupational health surveillances. **Annexure-J:** Photograph of OHC facility.

Sr. NO.	CONDITIONS	COMPLIANCE
xxi)	Greenbelt around process area to be increased. As proposed, green belt over 33 % of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	**COMPLIED.** We have developed Greenbelt in the facility and the same is being consistently strengthened. An area of 33% is allocated for the same. **Annexure-K:** Photograph of green belt.
xxii)	All the commitment made regarding issues raised during the Public Hearing/ consultation meeting held on 17th January, 2014 shall be satisfactorily implemented.	**COMPLIED.** Lupin is committed to enhance the regional development by focussing on CSR activities. The same shall be continued further. Employment direct / indirect is also done from the nearby village. In the public hearing /consultation, there were no direct commitments required on Lupin part. The outcomes were generalistics wherein it is discussed about CSR activities, employment and improvement in surrounding area in terms of infrastructure for Education, Fire station, Hospital, water availability, etc. Status of public hearing commitment already submitted earlier along with EC compliance report. **Annexure-L:** Photograph of CSR activities
xxiii)	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.	**COMPLIED.** The company is obligated to spend a percentage of its net profit on CSR activities. This allocated amount is utilized in CSR activities all across the country. The amount spent for CSR for the year 2022-23 in Rs. 290.3 Million. We have initiated various projects from this fund and continued further.
xxiv)	For rain water harvesting from roof top a separate drain line may be constructed upto the recharge well. The Company may also explore the possibility of providing	**COMPLIED.** Roof top rain water harvesting has already been implemented at site. The rain water is collected, screened / filtered and recharged.

Sr. NO.	CONDITIONS	COMPLIANCE
	surface water storage to the extent possible for their process use.	Additionally rain water harvesting has been done in the surrounding area villages. **Annexure-M:** Photograph of surrounding villages rain water harvesting. 1. RanuKanya School – Roof Water 2. Dabhasa English School – Roof Water 3. Ground Water Recharge well in Chittral Lake 4. Ground Water Recharge well in Umraya Lake 5. Ground Water Recharge well in Dabhasa Lake 6. Check Dam in Shanpur village
xxv)	The Company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/ procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	**COMPLIED.** The company gives maximum importance to regulatory compliance, and the same is demonstrated in EHS policy signed by the Managing Director attached as **Annexure-N**. We have implemented International Sustainability Rating System (ISRS) at our site for strengthening of EHS management system further.
xxvi)	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	This point is not applicable as no housing colony proposed at project site.

LUPIN LIMITED, DABHASA
COMPLIANCE REPORT
[PERIOD APR 23 TO SEP 23]
ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)
DATED 04.02.2015

Sr. NO.	CONDITIONS	COMPLIANCE
	GENERAL CONDITIONS:	
i)	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	**Noted.** All the recommendations of Gujarat Pollution Control Board shall be adhered during the implementation phase of project.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	**Noted.** For any further expansion prior permission will be taken and there is no deviations or alterations in the project proposal.
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	**COMPLIED.** Ambient air quality is monitored regularly and the same shall be continued. The reports of the same are submitted to GPCB, CPCB and Ministry of Environment, Forest & Climate change. We have also installed the continuous ambient air quality monitoring station. Ambient air monitoring data by MoEF&CC approved laboratory along with summary is attached as **Annexure-B**
iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	**COMPLIED.** The overall noise levels in and around the plant area is kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels is under the standards prescribed under Environment Protection act, 1986 Rules, 1989 viz. 75 dBA (day time) & 70 dBA (night time).

Sr. NO.	CONDITIONS	COMPLIANCE
		Equipments generating high noise are equipped with Acoustic enclosures; regular maintenance, lubrication and vibration pads are assured for such sources. Noise monitoring data by MoEF&CC approved laboratory is attached as **Annexure-D**
v)	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	**COMPLIED.** Roof top rain water harvesting has already been implemented at site. The rain water is collected, screened / filtered and recharged. Additionally rain water harvesting has been done in the surrounding area villages. **Annexure-M:** Photograph of surrounding villages rain water harvesting system. 1. RanuKanya School – Roof Water 2. Dabhasa English School – Roof Water 3. Ground Water Recharge well in Chittral Lake 4. Ground Water Recharge well in Umraya Lake 5. Ground Water Recharge well in Dabhasa Lake 6. Check Dam in Shanpur village
vi)	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	**COMPLIED.** Transferring of materials is done by fixed pipelines from tanks and flexible pipeline for drums. However, during any spillage adequate provision are done to prevent the material from mixing with storm water drains. All domestic & storm water drains have been segregated. Guard Pond constructed wherein the storm drain passes through the same. **Annexure-F:** Photograph of Guard pond at the final outlet of storm drain.

LUPIN LIMITED, DABHASA
COMPLIANCE REPORT
[PERIOD APR 23 TO SEP 23]
ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)
DATED 04.02.2015

Sr. NO.	CONDITIONS	COMPLIANCE
vii)	Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.	**COMPLIED.** Personnel protective equipment are provided to all persons, wherever applicable.
viii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	**COMPLIED.** Training is imparted regularly to all employees for safety and health aspects of chemicals handling, firefighting etc. Mock drill is also carried out at regular interval. Training records of the same are maintained. Pre-employment and routine periodical medical examinations for all employees and workers are carried out on regular basis and medical records are maintained. Sample copy of health report is attached for reference as **Annexure-J.**
ix)	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	**COMPLIED.** We are committed to comply all the environmental protection measures and safeguards during proposed expansion. EMP, Risk mitigation measures, recommendations in RIEA and points of public hearing proceedings are compiled and reviewed at regular intervals.
x)	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	**COMPLIED.** The company is obligated to spend a percentage of its net profit on CSR activities. This allocated amount is utilized in CSR activities all across the country. The amount spent for CSR for the year 2022-23 in Rs. 290.3 Million. We have initiated various projects from this fund and continued further.
xi)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	**COMPLIED.** Eco-developmental measures including community welfare are part of our CSR programme. **Annexure-L**: Photographs of CSR activities.

LUPIN LIMITED, DABHASA
COMPLIANCE REPORT
[PERIOD APR 23 TO SEP 23]
ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)
DATED 04.02.2015

Annexure 2

Sr. NO.	CONDITIONS	COMPLIANCE
xii)	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	**COMPLIED.** Company has separate Environment Management Cell equipped with full-fledge laboratory facility to carry out environment management & monitoring function. The structural hierarchy of the Environment Management Cell is attached here as **Annexure-O.**
xiii)	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	**COMPLIED.** Adequate financial provisions are made to maintain, operate and develop the environmental infrastructure and safe guard.
xiv)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.	**COMPLIED.** Copies of clearance letter have been send to Collector office, Vadodara, Taluka Development Officer Padra, Gram Panchayat Dabhasa, individuals / NGO from whom suggestions / representations were received during public consultation.
xv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	**Noted.** Six monthly Environmental Clearance compliance report is regularly submitted to MoEF Bhopal, GPCB, and CPCB from 16.06.15. Copy of Environmental Clearance and latest six monthly compliance status report is available on company website.
xvi)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment	**COMPLIED.** Environmental Statement have already been submitted on 27.09.2023 to Gujarat Pollution Control Board for the FY 2022-23.

Sr. NO.	CONDITIONS	COMPLIANCE
	(Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.	Copy of the same is attached here as **Annexure-P**.
xvii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	**COMPLIED.** The copy of advertisement as published in two newspapers has already been submitted along with first EC compliance report (letter dated 16.05.2015).
xviii)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	**COMPLIED.** Construction activities relevant to the project expansion were started in Mar-15. Except few production blocks & utilities, the project has been partially completed till Mar-16. The further requirements / expansions are market driven and may be establish as per the demand and with the EC validation period.

The following documents are attached.

Annexure-A : Summary of Stack Monitoring data with analysis report

Annexure-B : Summary of Ambient Air Quality Monitoring data with analysis report and photographs

Annexure-C : Summary of Work Area monitoring data with analysis report and photographs

LUPIN LIMITED, DABHASA
COMPLIANCE REPORT
[PERIOD APR 23 TO SEP 23]
ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)
DATED 04.02.2015

Annexure-D	:	Summary of Noise Monitoring data with analysis report
Annexure-E	:	Photographs of ZLD system
Annexure-F	:	Photographs of Storm Drain & Guard pond
Annexure-G	:	Photographs of Breather Valve and Flame Arresters
Annexure-H	:	Copy of Manifest & Photographs of Solid Waster Management
Annexure-I	:	Copy of CC&A
Annexure-J	:	Photographs of OHC facility at site & copy of periodic health check up report
Annexure-K	:	Photographs of Green Belt area
Annexure-L	:	Photographs of CSR Activity
Annexure-M	:	Photographs of surrounding villages rain water harvesting facilities
Annexure-N	:	EHS Policy
Annexure-O	:	Organogram of Environment Department
Annexure-P	:	Environmental Statement (Form V)
Annexure-Q	:	Copy of CGWA NOC

Stack and Process Vent Monitoring Summary and Report

LUPIN LIMITED,DABHASA				
[ANALYSIS DONE BY: M/S POLLUCON LABORATORIES PVT. LTD.,SURAT				
Month	**BOILER**			
	Boiler No.	**SPM(mg/Nm^3)**	**SO_2 (ppm)**	**NO_X (ppm)**
Apr-23	5 TPH	59.42	4.43	17.68
May-23	5 TPH	56.29	4.09	18.17
Jun-23	5 TPH	61.34	5.31	20.65
Jul-23	5 TPH	54.36	4.48	17.64
Aug-23	5 TPH	57.26	3.85	15.58
Sep-23	5 TPH	52.34	4.08	18.23
Minimum		**52.34**	**3.85**	**15.58**
Maximum		**61.34**	**5.31**	**20.65**
Average		**56.84**	**4.37**	**17.99**

Month	**PROCESS VENTS**			
	Scrubber No.	**SO_2 (mg/Nm^3)**	**HCL (mg/Nm^3)**	**NH_3 (mg/Nm^3)**
Apr-22	1			13.19
	2	3.95	1.36	
	5	2.62	1.85	
	7		1.76	
	10		3.56	
May-23	2	1.3	1.12	
	3	3.94	2.78	11.06
	5	3.91	1.94	
	6			17.75
	8		1.72	
	10		2.62	
Jun-23	5	2.62	1.76	
	6			15.53
	7		1.65	
	10		2.56	
Jul-23	5	4.03	1.62	
	6			18.73
	7		1.58	
Aug-23	2	2.67	1.37	
	5	3.02	1.74	
	6			16.6
	10		2.6	
Sep-23	5	2.01	2.12	
	6			19.88
	10		2.24	
Minimum		**1.30**	**1.12**	**11.06**
Maximum		**4.03**	**3.56**	**19.88**
Average		**3.01**	**2.00**	**16.11**

TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No.	:	**PL/L/23/0039**
	Issue Date	:	**19/04/2023**
	Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Boiler 5 TPH & Thermic Fluid Heater (TFH) Common Stack**			
Stack Height **	:	**38 Meter**	Stack Dia**	:	**0.48 Meter**
Date of Sampling	:	**10/04/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sample Receipt Date	:	**11/04/2023**	Test Method	:	**As Per Table**
Date of Starting of Test	:	**11/04/2023**	Lab ID.	:	**L/2304/05 [A-C]**
Date of Completion	:	**14/04/2023**	Fuel **	:	**LSHS**
Stack Temperature	:	**126°C**	Velocity	:	**5.33 m/sec**

**Details provided by customer.

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm^3	59.42	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO_2)	ppm	4.43	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO_X)	ppm	17.68	50	IS:11255 (Part-7)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

Results (Particulate Matter) on 11 % O_2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO_2 Correction when CO_2 is less than 12 %

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0041** Issue Date : **19/04/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.-1**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**80 mm**
Date of Sampling	:	**10/04/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/04/2023**	Lab ID.	:	**L/2304/07**
Date of Starting of Test	:	**11/04/2023**	Date of Completion	:	**13/04/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH_3	mg/Nm^3	13.19	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L /23/0040** Issue Date : **19/04/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.-2**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**200 mm**
Date of Sampling	:	**10/04/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/04/2023**	Lab ID.	:	**L/2304/06 [A-B]**
Date of Starting of Test	:	**11/04/2023**	Date of Completion	:	**13/04/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.36	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	3.95	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0043** Issue Date : **19/04/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 5**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/04/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/04/2023**	Lab ID.	:	**L/2304/09 [A-B]**
Date of Starting of Test	:	**11/04/2023**	Date of Completion	:	**13/04/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.85	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	2.62	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0045** Issue Date : **19/04/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 7**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/04/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/04/2023**	Lab ID.	:	**L/2304/11**
Date of Starting of Test	:	**11/04/2023**	Date of Completion	:	**13/04/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.76	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No.	:	**PL/L/23/0042**
	Issue Date	:	**19/04/2023**
	Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS & RESULT

Location of Sampling	:	**Scrubber No. 10**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/04/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/04/2023**	Lab ID.	:	**L/2304/08**
Date of Starting of Test	:	**11/04/2023**	Date of Completion	:	**13/04/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	3.56	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. :	**PL/L/23/0052**
	Issue Date :	**11/05/2023**
	Customer's Ref. :	**P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Boiler 5 TPH & Thermic Fluid Heater (TFH) Common Stack**			
Stack Height **	:	**38 Meter**	Stack Dia**	:	**0.48 Meter**
Date of Sampling	:	**05/05/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sample Receipt Date	:	**06/05/2023**	Test Method	:	**As Per Table**
Date of Starting of Test	:	**06/05/2023**	Lab ID.	:	**L/2305/05 [A-C]**
Date of Completion	:	**09/05/2023**	Fuel **	:	**LSHS**
Stack Temperature	:	**122°C**	Velocity	:	**5.62 m/sec**

**Details provided by customer.

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm^3	56.29	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO_2)	ppm	4.09	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO_X)	ppm	18.17	50	IS:11255 (Part-7)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

Results (Particulate Matter) on 11 % O_2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO_2 Correction when CO_2 is less than 12 %

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. :	**PL/L /23/0053**
	Issue Date :	**11/05/2023**
	Customer's Ref. :	**P.O.NO 3100250519** **Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.-2**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**200 mm**
Date of Sampling	:	**06/05/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/05/2023**	Lab ID.	:	**L/2305/07 [A-B]**
Date of Starting of Test	:	**08/05/2023**	Date of Completion	:	**10/05/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.12	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	1.30	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0054** Issue Date : **11/05/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 3**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**150 mm**
Date of Sampling	:	**06/05/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/05/2023**	Lab ID.	:	**L/2305/08 [A-B]**
Date of Starting of Test	:	**08/05/2023**	Date of Completion	:	**10/05/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	2.78	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	3.94	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0056** Issue Date : **11/05/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 5**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**06/05/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/05/2023**	Lab ID.	:	**L/2305/09 [A-B]**
Date of Starting of Test	:	**08/05/2023**	Date of Completion	:	**10/05/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.94	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	3.91	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0057** Issue Date : **11/05/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 6**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**06/05/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/05/2023**	Lab ID.	:	**L/2305/10**
Date of Starting of Test	:	**08/05/2023**	Date of Completion	:	**10/05/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH_3	mg/Nm^3	17.75	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. :	**PL/L/23/0058**
	Issue Date :	**11/05/2023**
	Customer's Ref. :	**P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS & RESULT

Location of Sampling	:	**Scrubber No. 08**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**06/05/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/05/2023**	Lab ID.	:	**L/2305/11**
Date of Starting of Test	:	**08/05/2023**	Date of Completion	:	**10/05/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.72	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,valid up to 30/09/2025.

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Lab Manager(Q)

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No.	:	**PL/L/23/0055**
	Issue Date	:	**11/05/2023**
	Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS & RESULT

Location of Sampling	:	**Scrubber No. 10**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**06/05/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/05/2023**	Lab ID.	:	**L/2305/06**
Date of Starting of Test	:	**08/05/2023**	Date of Completion	:	**10/05/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	2.62	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

**Details provided by customer.

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No.	: **PL/L/23/0064**
	Issue Date	: **13/06/2023**
	Customer's Ref.	: **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Boiler 5 TPH & Thermic Fluid Heater (TFH) Common Stack**			
Stack Height **	:	**38 Meter**	Stack Dia**	:	**0.48 Meter**
Date of Sampling	:	**07/06/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sample Receipt Date	:	**08/06/2023**	Test Method	:	**As Per Table**
Date of Starting of Test	:	**08/06/2023**	Lab ID.	:	**L/2306/09 [A-C]**
Date of Completion	:	**10/06/2023**	Fuel **	:	**LSHS**
Stack Temperature	:	**116 °C**	Velocity	:	**5.86 m/sec**

**Details provided by customer.

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm^3	61.34	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO_2)	ppm	5.31	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO_X)	ppm	20.65	50	IS:11255 (Part-7)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

Results (Particulate Matter) on 11 % O_2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO_2 Correction when CO_2 is less than 12 %

Ravi Jariwala
Sr. Environmental Scientist

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Lab Manager(Q)

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POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0065** Issue Date : **13/06/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 5**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**07/06/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/06/2023**	Lab ID.	:	**L/2306/10 [A-B]**
Date of Starting of Test	:	**08/06/2023**	Date of Completion	:	**10/06/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.76	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	2.62	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

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Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0066** Issue Date : **13/06/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 6**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**07/06/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/06/2023**	Lab ID.	:	**L/2306/11**
Date of Starting of Test	:	**08/06/2023**	Date of Completion	:	**10/06/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH_3	mg/Nm^3	15.53	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

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POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0067** Issue Date : **13/06/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 7**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**07/06/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/06/2023**	Lab ID.	:	**L/2306/12**
Date of Starting of Test	:	**08/06/2023**	Date of Completion	:	**10/06/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.65	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. :	**PL/L/23/0068**
	Issue Date :	**13/06/2023**
	Customer's Ref. :	**P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS & RESULT

Location of Sampling	:	**Scrubber No. 10**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**07/06/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**08/06/2023**	Lab ID.	:	**L/2306/13**
Date of Starting of Test	:	**08/06/2023**	Date of Completion	:	**10/06/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	2.56	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

**Details provided by customer.

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Dr. Arun Bajpai
Lab Manager(Q)

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POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0076** Issue Date : **15/07/2023** Customer's Ref. : **P.O.NO 3100274858**

STACK DETAILS

Location of Sampling	:	**Boiler 5 TPH & Thermic Fluid Heater (TFH) Common Stack**			
Stack Height **	:	**38 Meter**	Stack Dia**	:	**0.48 Meter**
Date of Sampling	:	**10/07/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sample Receipt Date	:	**11/07/2023**	Test Method	:	**As Per Table**
Date of Starting of Test	:	**11/07/2023**	Lab ID.	:	**L/2307/05 [A-C]**
Date of Completion	:	**13/07/2023**	Fuel **	:	**LSHS**
Stack Temperature	:	**112 °C**	Velocity	:	**5.52 m/sec**

**Details provided by customer.

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm^3	54.36	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO_2)	ppm	4.48	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO_X)	ppm	17.64	50	IS:11255 (Part-7)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

Results (Particulate Matter) on 11 % O_2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO_2 Correction when CO_2 is less than 12 %

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0077** Issue Date : **15/07/2023** Customer's Ref. : **P.O.NO 3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 5**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/07/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/07/2023**	Lab ID.	:	**L/2307/06 [A-B]**
Date of Starting of Test	:	**11/07/2023**	Date of Completion	:	**13/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.62	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	4.03	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0078** Issue Date : **15/07/2023** Customer's Ref. : **P.O.NO 3100250519 Date: 21.04.2022**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 6**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/07/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/07/2023**	Lab ID.	:	**L/2307/07**
Date of Starting of Test	:	**11/07/2023**	Date of Completion	:	**13/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH_3	mg/Nm^3	18.73	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0079** Issue Date : **15/07/2023** Customer's Ref. : **P.O.NO 3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 7**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/07/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/07/2023**	Lab ID.	:	**L/2307/08**
Date of Starting of Test	:	**11/07/2023**	Date of Completion	:	**13/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.58	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.
**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No.	: **PL/L/23/0086**
	Issue Date	: **21/08/2023**
	Customer's Ref.	: **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Boiler 5 TPH & Thermic Fluid Heater (TFH) Common Stack**			
Stack Height **	:	**38 Meter**	Stack Dia**	:	**0.48 Meter**
Date of Sampling	:	**10/08/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sample Receipt Date	:	**11/08/2023**	Test Method	:	**As Per Table**
Date of Starting of Test	:	**11/08/2023**	Lab ID.	:	**L/2308/05 [A-C]**
Date of Completion	:	**14/08/2023**	Fuel **	:	**LSHS**
Stack Temperature	:	**114 °C**	Velocity	:	**5.33 m/sec**

**Details provided by customer.

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm^3	57.26	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO_2)	ppm	3.85	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO_X)	ppm	15.58	50	IS:11255 (Part-7)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

Results (Particulate Matter) on 11 % O_2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO_2 Correction when CO_2 is less than 12 %

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0090** Issue Date : **21/08/2023** Customer's Ref. : **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No.-2**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**200 mm**
Date of Sampling	:	**10/08/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/08/2023**	Lab ID.	:	**L/2308/09 [A-B]**
Date of Starting of Test	:	**11/08/2023**	Date of Completion	:	**14/08/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.37	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	2.67	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0087** Issue Date : **21/08/2023** Customer's Ref. : **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 5**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/08/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/08/2023**	Lab ID.	:	**L/2308/06 [A-B]**
Date of Starting of Test	:	**11/08/2023**	Date of Completion	:	**14/08/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	1.74	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	3.02	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0088** Issue Date : **21/08/2023** Customer's Ref. : **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 6**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/08/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/08/2023**	Lab ID.	:	**L/2308/07**
Date of Starting of Test	:	**11/08/2023**	Date of Completion	:	**14/08/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH_3	mg/Nm^3	16.60	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No.	:	**PL/L/23/0089**
	Issue Date	:	**21/08/2023**
	Customer's Ref.	:	**P.O.NO:3100274858**

STACK DETAILS & RESULT

Location of Sampling	:	**Scrubber No. 10**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**10/08/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**11/08/2023**	Lab ID.	:	**L/2308/08**
Date of Starting of Test	:	**11/08/2023**	Date of Completion	:	**14/08/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	2.60	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No.	: **PL/L/23/0095**
	Issue Date	: **18/09/2023**
	Customer's Ref.	: **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Boiler 5 TPH & Thermic Fluid Heater (TFH) Common Stack**			
Stack Height **	:	**38 Meter**	Stack Dia**	:	**0.48 Meter**
Date of Sampling	:	**11/09/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sample Receipt Date	:	**12/09/2023**	Test Method	:	**As Per Table**
Date of Starting of Test	:	**12/09/2023**	Lab ID.	:	**L/2309/05 [A-C]**
Date of Completion	:	**15/09/2023**	Fuel **	:	**LSHS**
Stack Temperature	:	**116ºC**	Velocity	:	**5.62 m/sec**

**Details provided by customer.

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm^3	52.34	150	IS:11255 (Part-1)
2	Sulfur Dioxide (SO_2)	ppm	4.08	100	IS:11255 (Part-2)
3	Oxides of Nitrogen (NO_X)	ppm	18.23	50	IS:11255 (Part-7)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

Results (Particulate Matter) on 11 % O_2 Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO_2 Correction when CO_2 is less than 12 %

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0096** Issue Date : **18/09/2023** Customer's Ref. : **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 5**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**11/09/2023**	Protocol (purpose)	:	**Stack Gas Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**12/09/2023**	Lab ID.	:	**L/2309/06 [A-B]**
Date of Starting of Test	:	**12/09/2023**	Date of Completion	:	**15/09/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	2.12	20	USEPA 26 A
2	Sulfur Dioxide (SO_2)	mg/Nm^3	2.01	40	IS 11255 (Part-2)

#Limit as per Consent Order No. AWH-113866,Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0097** Issue Date : **18/09/2023** Customer's Ref. : **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No.- 6**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**11/09/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**12/09/2023**	Lab ID.	:	**L/2309/07**
Date of Starting of Test	:	**12/09/2023**	Date of Completion	:	**15/09/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH_3	mg/Nm^3	19.88	175	IS 11255 (Part-6)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021,Valid up to 30/09/2025.

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/12-ST

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No. : **PL/L/23/0098** Issue Date : **18/09/2023** Customer's Ref. : **P.O.NO:3100274858**

STACK DETAILS

Location of Sampling	:	**Scrubber No. 10**	Sampling Procedure	:	**As per table**
Stack Height **	:	**20 Meter**	Stack Dia**	:	**500 mm**
Date of Sampling	:	**11/09/2023**	Protocol (purpose)	:	**Process Stack Monitoring**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**	Test Method	:	**As per table**
Sample Receipt Date	:	**12/09/2023**	Lab ID.	:	**L/2309/08**
Date of Starting of Test	:	**12/09/2023**	Date of Completion	:	**15/09/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm^3	2.24	20	USEPA 26 A

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025

**Details provided by customer.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

LUPIN LIMITED,DABHASA

STATISTICAL ANALYSIS OF AMBIENT AIR QUALITY MONITORING DATA

[ANALYSIS DONE BY: M/S POLLUCON LABORATORIES PVT. LTD.,SURAT

Month	Particulate Matter PM 10(µg/m³)				Particulate Matter PM 2.5(µg/m³)			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Apr-23	68.33	59.82	62.48	75.68	35.46	30.61	31.55	43.62
May-23	79.66	66.34	72.52	84.23	42.61	35.45	38.47	48.29
Jun-23	73.47	60.54	66.35	79.45	38.22	30.24	35.45	43.62
Jul-23	67.64	54.66	59.35	74.53	33.5	26.65	32.68	39.58
Aug-23	62.68	50.23	53.52	68.47	29.62	23.69	27.57	34.32
Sep-23	72.36	62.56	66.44	77.44	38.51	32.53	35.66	42.71
Minimum	62.68	50.23	53.52	68.47	29.62	23.69	27.57	34.32
Maximum	79.66	66.34	72.52	84.23	42.61	35.45	38.47	48.29
Average	70.69	59.03	63.44	76.63	36.32	29.86	33.56	42.02
Month	Sulphur Dioxide SO_2 (µg/m³)				Nitrogen Dioxide NO_2 (µg/m³)			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Apr-23	12.65	15.56	9.45	12.44	23.41	21.66	26.38	31.26
May-23	14.61	17.66	10.37	15.47	26.43	23.63	28.59	34.27
Jun-23	11.54	15.66	9.22	13.49	23.43	20.28	25.63	30.45
Jul-23	9.48	13.44	7.23	11.27	19.26	17.63	21.23	25.66
Aug-23	11.26	14.61	8.61	12.46	24.53	20.37	30.32	26.53
Sep-23	13.56	16.4	10.29	14.58	28.71	23.53	35.71	30.72
Minimum	9.48	13.44	7.23	11.27	19.26	17.63	21.23	25.66
Maximum	14.61	17.66	10.37	15.47	28.71	23.63	35.71	34.27
Average	12.18	15.56	9.20	13.29	24.30	21.18	27.98	29.82
Month	Hydrochloric Acid HCL (µg/m³)				Ammonia NH3 (µg/m³)			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Apr-23	ND	ND	ND	ND	ND	ND	ND	ND
May-23	ND	ND	ND	ND	ND	ND	ND	ND
Jun-23	ND	ND	ND	ND	ND	ND	ND	ND
Jul-23	ND	ND	ND	ND	ND	ND	ND	ND
Aug-23	ND	ND	ND	ND	ND	ND	ND	ND
Sep-23	ND	ND	ND	ND	ND	ND	ND	ND
Minimum	-	-	-	-	-	-	-	-
Maximum	-	-	-	-	-	-	-	-
Average	-	-	-	-	-	-	-	-
Month	Chlorine CL2 (µg/m³)				Ozone O3 (µg/m³)			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Apr-23	ND	ND	ND	ND	21.62	26.58	15.34	17.76
May-23	ND	ND	ND	ND	25.64	30.24	20.46	22.43
Jun-23	ND	ND	ND	ND	23.48	26.35	17.54	20.37
Jul-23	ND	ND	ND	ND	20.36	23.43	15.63	18.25
Aug-23	ND	ND	ND	ND	17.17	19.99	13.51	15.55

Sep-23	ND	ND	ND	ND	19.9	22.99	15.61	17.86
Minimum	-	-	-	-	17.17	19.99	13.51	15.55
Maximum	-	-	-	-	25.64	30.24	20.46	22.43
Average	-	-	-	-	21.36	24.93	16.35	18.70
Month	**Lead Pb (µg/m³)**				**Carbon Monoxide CO (mg/m³)**			
	Stn-1	**Stn-2**	**Stn-3**	**Stn-4**	**Stn-1**	**Stn-2**	**Stn-3**	**Stn-4**
Apr-23	ND	ND	ND	ND	0.41	0.29	0.37	0.18
May-23	ND	ND	ND	ND	0.62	0.44	0.48	0.27
Jun-23	ND	ND	ND	ND	0.57	0.48	0.53	0.32
Jul-23	ND	ND	ND	ND	0.48	0.39	0.44	0.25
Aug-23	ND	ND	ND	ND	0.53	0.32	0.48	0.21
Sep-23	ND	ND	ND	ND	0.64	0.39	0.55	0.25
Minimum	-	-	-	-	0.41	0.29	0.37	0.18
Maximum	-	-	-	-	0.64	0.48	0.55	0.32
Average	-	-	-	-	0.54	0.39	0.48	0.25
Month	**Benzene C6H6 (µg/m³)**				**Benzo (a) Pyrene (BaP) Particulate phase only (ng/m³)**			
	Stn-1	**Stn-2**	**Stn-3**	**Stn-4**	**Stn-1**	**Stn-2**	**Stn-3**	**Stn-4**
Apr-23	ND	ND	ND	ND	ND	ND	ND	ND
May-23	ND	ND	ND	ND	ND	ND	ND	ND
Jun-23	ND	ND	ND	ND	ND	ND	ND	ND
Jul-23	ND	ND	ND	ND	ND	ND	ND	ND
Aug-23	ND	ND	ND	ND	ND	ND	ND	ND
Sep-23	ND	ND	ND	ND	ND	ND	ND	ND
Minimum	-	-	-	-	-	-	-	-
Maximum	-	-	-	-	-	-	-	-
Average	-	-	-	-	-	-	-	-
Month	**Arsenic As (ng/m³)**				**Nickel Ni (ng/m³)**			
	Stn-1	**Stn-2**	**Stn-3**	**Stn-4**	**Stn-1**	**Stn-2**	**Stn-3**	**Stn-4**
Apr-23	ND	ND	ND	ND	ND	ND	ND	ND
May-23	ND	ND	ND	ND	ND	ND	ND	ND
Jun-23	ND	ND	ND	ND	ND	ND	ND	ND
Jul-23	ND	ND	ND	ND	ND	ND	ND	ND
Aug-23	ND	ND	ND	ND	ND	ND	ND	ND
Sep-23	ND	ND	ND	ND	ND	ND	ND	ND
Minimum	-	-	-	-	-	-	-	-
Maximum	-	-	-	-	-	-	-	-
Average	-	-	-	-	-	-	-	-

Station	**LOCATIONS**	**Sampling Date**
Stn-1	Main gate terrace	10th Apr-23, 05th May-23, 07th Jun-23, 10th Jul-23, 10th Aug-23, 11th Sep-23
Stn-2	Near S.R.U	10th Apr-23, 05th May-23, 07th Jun-23, 10th Jul-23, 10th Aug-23, 11th Sep-23

Stn-3	New Ware House II (terrace)	10th Apr-23, 05th May-23, 07th Jun-23, 10th Jul-23, 10th Aug-23, 11th Sep-23
Stn-4	E.T.P Terrace	10th Apr-23, 05th May-23, 07th Jun-23, 10th Jul-23, 10th Aug-23, 11th Sep-23

*Stn: Station, ND: Not detected

Note:

- Sampling Duration for Ozone and Carbon monoxide is 1 hr.
- Sampling Duration other than Ozone and Carbon monoxide is 24 hrs.

Continuous Ambient Air Monitoring System	AAQMS Analyzer
	

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0035**
Issue Date	:	**19/04/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**Main Gate Terrace**	GPS Location	:	**N-22° 15.441' E-73° 02.438'**
Date of Sampling	:	**10/04/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/04/2023**	Lab ID	:	**L/2304/01 [A-J]**
Date of Starting of Test^	:	**11/04/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**17/04/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	68.33	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	35.46	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	12.65	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	23.41	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	21.62	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.41	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0036**
Issue Date	:	**19/04/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**New Ware House II (Terrace)**			
Date of Sampling	:	**10/04/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/04/2023**	Lab ID	:	**L/2304/02 [A-J]**
Date of Starting of Test^	:	**11/04/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**17/04/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	62.48	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	31.55	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	9.45	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	26.38	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	15.34	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.37	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBINENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0037**
Issue Date	:	**19/04/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**S.R.U.-1**	GPS Location	:	**N-22° 15.436' E-73° 02.337'**
Date of Sampling	:	**10/04/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/04/2023**	Lab ID	:	**L/2304/03 [A-J]**
Date of Starting of Test^	:	**11/04/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**17/04/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	59.82	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	30.61	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	15.56	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	21.66	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	26.58	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.29	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0038**
Issue Date	:	**19/04/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**ETP Terrace**	GPS Location	:	**N-22° 15.246' E-73° 02.225'**
Date of Sampling	:	**10/04/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/04/2023**	Lab ID	:	**L/2304/04 [A-J]**
Date of Starting of Test^	:	**11/04/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**17/04/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	75.68	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	43.62	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	12.44	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	31.26	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	17.76	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.18	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0048**
Issue Date	:	**11/05/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**Main Gate Terrace**	GPS Location	:	**N-22° 15.441' E-73° 02.438'**
Date of Sampling	:	**05/05/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**06/05/2023**	Lab ID	:	**L/2305/01 [A-J]**
Date of Starting of Test^	:	**06/05/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**11/05/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	79.66	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	42.61	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	14.61	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	26.43	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	25.64	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.62	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

QF/7.8/07-AQ

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0049**
Issue Date	:	**11/05/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**New Ware House II (Terrace)**			
Date of Sampling	:	**05/05/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**06/05/2023**	Lab ID	:	**L/2305/02 [A-J]**
Date of Starting of Test^	:	**06/05/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**11/05/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	72.52	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	38.47	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	10.37	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	28.59	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	20.46	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.48	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBINENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0050**
Issue Date	:	**11/05/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**S.R.U.-1**	GPS Location	:	**N-22° 15.436' E-73° 02.337'**
Date of Sampling	:	**05/05/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**06/05/2023**	Lab ID	:	**L/2305/03 [A-J]**
Date of Starting of Test^	:	**06/05/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**11/05/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	66.34	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	35.45	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	17.66	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	23.63	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	30.24	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.44	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0051**
Issue Date	:	**11/05/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**ETP Terrace**	GPS Location	:	**N-22° 15.246' E-73° 02.225'**
Date of Sampling	:	**05/05/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**06/05/2023**	Lab ID	:	**L/2305/04 [A-J]**
Date of Starting of Test^	:	**06/05/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**11/05/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	84.23	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	48.29	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	15.47	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	34.27	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	22.43	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.27	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0059**
Issue Date	:	**13/06/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**Main Gate Terrace**	GPS Location	:	**N-22° 15.441' E-73° 02.438'**
Date of Sampling	:	**07/06/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**08/06/2023**	Lab ID	:	**L/2306/01 [A-J]**
Date of Starting of Test^	:	**08/06/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**13/06/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	73.47	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	38.22	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	11.54	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	23.43	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	23.48	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.57	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0060**
Issue Date	:	**13/06/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**New Ware House II (Terrace)**			
Date of Sampling	:	**07/06/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**08/06/2023**	Lab ID	:	**L/2306/02 [A-J]**
Date of Starting of Test^	:	**08/06/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**13/06/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	66.35	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	35.45	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	9.22	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	25.63	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	17.54	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.53	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBINENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0061**
Issue Date	:	**13/06/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**S.R.U.-1**	GPS Location	:	**N-22° 15.436' E-73° 02.337'**
Date of Sampling	:	**07/06/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**08/06/2023**	Lab ID	:	**L/2306/03 [A-J]**
Date of Starting of Test^	:	**08/06/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**13/06/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	60.54	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	30.24	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	15.66	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	20.28	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	26.35	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.48	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0062**
Issue Date	:	**13/06/2023**
Customer's Ref.	:	**P.O.NO 3100250519 Date: 21.04.2022**

Sampling Location	:	**ETP Terrace**	GPS Location	:	**N-22° 15.246' E-73° 02.225'**
Date of Sampling	:	**07/06/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**08/06/2023**	Lab ID	:	**L/2306/04 [A-J]**
Date of Starting of Test^	:	**08/06/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**13/06/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	79.45	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	43.62	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	13.49	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	30.45	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	20.37	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.32	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

QF/7.8/07-AQ

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No. : **PL/L/23/0072**
Issue Date : **15/07/2023**
Customer's Ref. : **P.O.NO 3100274858**

Sampling Location	:	**Main Gate Terrace**	GPS Location	:	**N-22° 15.441' E-73° 02.438'**
Date of Sampling	:	**10/07/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/07/2023**	Lab ID	:	**L/2307/01 [A-J]**
Date of Starting of Test^	:	**11/07/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/07/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	µg/m³	67.64	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	µg/m³	33.50	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	µg/m³	9.48	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	µg/m³	19.26	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	µg/m³	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	µg/m³	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	µg/m³	20.36	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m³	0.48	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	µg/m³	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m³	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m³	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 µg/m³, Benzene as C_6H_6: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Arsenic as As: 2.0 ng/m³, Nickel as Ni: 5.0 ng/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³, Chlorine as Cl_2: 15 µg/m³, Ammonia (NH_3): 2.0 µg/m³ .

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

QF/7.8/07-AQ

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0073**
Issue Date	:	**15/07/2023**
Customer's Ref.	:	**P.O.NO 3100274858**

Sampling Location	:	**New Ware House II (Terrace)**			
Date of Sampling	:	**10/07/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/07/2023**	Lab ID	:	**L/2307/02 [A-J]**
Date of Starting of Test^	:	**11/07/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/07/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	µg/m³	59.35	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	µg/m³	32.68	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	µg/m³	7.23	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	µg/m³	21.23	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	µg/m³	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	µg/m³	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	µg/m³	15.63	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m³	0.44	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	µg/m³	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m³	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m³	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 µg/m³, Benzene as C_6H_6: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Arsenic as As: 2.0 ng/m³, Nickel as Ni: 5.0 ng/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³, Chlorine as Cl_2: 15 µg/m³, Ammonia (NH_3): 2.0 µg/m³ .

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBINENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No. : **PL/L/23/0074**
Issue Date : **15/07/2023**
Customer's Ref. : **P.O.NO 3100274858**

Sampling Location	:	**S.R.U.-1**	GPS Location	:	**N-22° 15.436' E-73° 02.337'**
Date of Sampling	:	**10/07/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/07/2023**	Lab ID	:	**L/2307/03 [A-J]**
Date of Starting of Test^	:	**11/07/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/07/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	µg/m³	54.66	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	µg/m³	26.65	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	µg/m³	13.44	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	µg/m³	17.63	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	µg/m³	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	µg/m³	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	µg/m³	23.43	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m³	0.39	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	µg/m³	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m³	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m³	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 µg/m³, Benzene as C_6H_6: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Arsenic as As: 2.0 ng/m³, Nickel as Ni: 5.0 ng/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³, Chlorine as Cl_2: 15 µg/m³, Ammonia (NH_3): 2.0 µg/m³ .

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No. : **PL/L/23/0075**
Issue Date : **15/07/2023**
Customer's Ref. : **P.O.NO 3100274858**

Sampling Location	:	**ETP Terrace**	GPS Location	:	**N-22° 15.246' E-73° 02.225'**
Date of Sampling	:	**10/07/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/07/2023**	Lab ID	:	**L/2307/04 [A-J]**
Date of Starting of Test^	:	**11/07/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/07/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	74.53	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	39.58	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	11.27	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	25.66	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	18.25	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.25	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0082**
Issue Date	:	**21/08/2023**
Customer's Ref.	:	**P.O.NO:3100274858**

Sampling Location	:	**Main Gate Terrace**	GPS Location	:	**N-22° 15.441' E-73° 02.438'**
Date of Sampling	:	**10/08/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/08/2023**	Lab ID	:	**L/2308/01 [A-J]**
Date of Starting of Test^	:	**11/08/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/08/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	µg/m³	62.68	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	µg/m³	29.62	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	µg/m³	11.26	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	µg/m³	24.53	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	µg/m³	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	µg/m³	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	µg/m³	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	µg/m³	17.17	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	µg/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m³	0.53	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	µg/m³	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m³	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m³	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m³	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 µg/m³, Benzene as C_6H_6: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Arsenic as As: 2.0 ng/m³, Nickel as Ni: 5.0 ng/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³, Chlorine as Cl_2: 15 µg/m³, Ammonia (NH_3): 2.0 µg/m³ .

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0083**
Issue Date	:	**21/08/2023**
Customer's Ref.	:	**P.O.NO:3100274858**

Sampling Location	:	**New Ware House II (Terrace)**			
Date of Sampling	:	**10/08/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/08/2023**	Lab ID	:	**L/2308/02 [A-J]**
Date of Starting of Test^	:	**11/08/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/08/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	53.52	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	27.57	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	8.61	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	30.32	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	13.51	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.48	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBINENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0084**
Issue Date	:	**21/08/2023**
Customer's Ref.	:	**P.O.NO:3100274858**

Sampling Location	:	**S.R.U.-1**	GPS Location	:	**N-22° 15.436' E-73° 02.337'**
Date of Sampling	:	**10/08/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/08/2023**	Lab ID	:	**L/2308/03 [A-J]**
Date of Starting of Test^	:	**11/08/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/08/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	50.23	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	23.69	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	14.61	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	20.37	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	19.99	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.32	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0085**
Issue Date	:	**21/08/2023**
Customer's Ref.	:	**P.O.NO:3100274858**

Sampling Location	:	**ETP Terrace**	GPS Location	:	**N-22° 15.246' E-73° 02.225'**
Date of Sampling	:	**10/08/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**11/08/2023**	Lab ID	:	**L/2308/04 [A-J]**
Date of Starting of Test^	:	**11/08/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**15/08/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	68.47	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	34.32	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	12.46	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	26.53	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	15.55	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.21	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0091**
Issue Date	:	**18/09/2023**
Customer's Ref.	:	**P.O.NO:3100274858**

Sampling Location	:	**Main Gate Terrace**	GPS Location	:	**N-22° 15.441' E-73° 02.438'**
Date of Sampling	:	**11/09/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**12/09/2023**	Lab ID	:	**L/2309/01 [A-J]**
Date of Starting of Test^	:	**12/09/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**16/09/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	72.36	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	38.51	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	13.56	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	28.71	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	19.90	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.64	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

QF/7.8/07-AQ

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No.	:	**PL/L/23/0092**
Issue Date	:	**18/09/2023**
Customer's Ref.	:	**P.O.NO:3100274858**

Sampling Location	:	**New Ware House II (Terrace)**			
Date of Sampling	:	**11/09/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**12/09/2023**	Lab ID	:	**L/2309/02 [A-J]**
Date of Starting of Test^	:	**12/09/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**16/09/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	66.44	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	35.66	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	10.29	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	35.71	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	15.61	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.55	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBINENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No. : **PL/L/23/0093**
Issue Date : **18/09/2023**
Customer's Ref. : **P.O.NO:3100274858**

Sampling Location	:	**S.R.U.-1**	GPS Location	:	**N-22° 15.436' E-73° 02.337'**
Date of Sampling	:	**11/09/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**12/09/2023**	Lab ID	:	**L/2309/03 [A-J]**
Date of Starting of Test^	:	**12/09/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**16/09/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	62.56	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	32.53	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	16.40	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	23.53	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	22.99	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.39	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

POLLUCON LABORATORIES PVT. LTD.

TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

M/s. LUPIN LTD.
BLOCK NO. 21, VILLAGE DABHASA,
TAL: PADRA, DIST: VADODARA.

Test Report No. : **PL/L/23/0094**
Issue Date : **18/09/2023**
Customer's Ref. : **P.O.NO:3100274858**

Sampling Location	:	**ETP Terrace**	GPS Location	:	**N-22° 15.246' E-73° 02.225'**
Date of Sampling	:	**11/09/2023**	Sampling Procedure	:	**As per table**
Sampling By	:	**Pollucon Laboratories Pvt. Ltd.**	Protocol (purpose)	:	**Ambient Air Quality Monitoring**
Sample Receipt Date^	:	**12/09/2023**	Lab ID	:	**L/2309/04 [A-J]**
Date of Starting of Test^	:	**12/09/2023**	Sampling Duration	:	**24 Hrs.**
Date of Completion of Test	:	**16/09/2023**	Test Method	:	**As per table**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM_{10})	$\mu g/m^3$	77.44	100	100	IS 5182 (Part-23)
2	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	42.71	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO_2	$\mu g/m^3$	14.58	80	80	IS 5182 (Part-2)
4	Oxides of Nitrogen as NO_2	$\mu g/m^3$	30.72	80	80	IS 5182 (Part-6)
5	Hydrochloric Acid as HCl	$\mu g/m^3$	Not Detected	200	NS*	USEPA 26A & SOP HCl – 01
6	Ammonia as NH_3	$\mu g/m^3$	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl_2	$\mu g/m^3$	Not Detected	100	NS*	IS 5182 (Part-19)
8	Ozone as $O_3$$	$\mu g/m^3$	17.86	NS*	180	IS 5182 (Part-9)
9	Lead as Pb	$\mu g/m^3$	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO$	mg/m^3	0.25	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C_6H_6	$\mu g/m^3$	Not Detected	NS*	5.0	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m^3	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m^3	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m^3	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^$:Ozone ($O_3$) sampling duration 1 hrs and sample Analyzed on same Day,
$: Carbon Monoxide as CO sampling duration1 hrs. NS*: Not Specified.
@: Industrial, Residential, Rural and other Area Notification Dated 18th Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.
Detection Limit, Lead as Pb : 0.1 $\mu g/m^3$, Benzene as C_6H_6: 2.0 $\mu g/m^3$, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m^3, Arsenic as As: 2.0 ng/m^3, Nickel as Ni: 5.0 ng/m^3, Hydro Chloric Acid As HCl: 5.0 $\mu g/m^3$, Chlorine as Cl_2: 15 $\mu g/m^3$, Ammonia (NH_3): 2.0 $\mu g/m^3$.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

Annexure – C

Photographs of in-plant Control Measures for reduce fugitive emission

Odour Mitigation Measures	
Covering of Equalization Tanks & Scrubbing Mechanism	
	
Odour Suppressant System	
	
Above Ground Closed High COD Tanks	
	

Scrubber system

Condenser on Storage tank

Primary And Secondary Condensers for VOC control

Work Area Monitoring Reports

SUMMARY OF WORK AREA (In-house) MONITORING DATA [As per Form 37]

Date	Sr. No.	Location/ operation Mentioned	Identified contaminant	Air borne contamination		Average	TWA concentration (As given in II Schedule) PPM	Reference Method	Number of workers exposed at the location being monitored	Remark
				Nos. of samples	Range PPM	PPM				
	1	2	3	4	5	6	7	8	9	10
03.04.23	1	M-1	MDC	1	5	5	87	OSHA	2	Within range
13.04.23	2	M-2	Acetone	2	25/20	22.5	750	TLV	2	Within range
24.04.23	3	P-3	Methanol	2	15/5	10	200	TLV	2	Within range
07.05.23	1	M-1 G.Floor ANF-301	MDC	1	5	5	87	OSHA TLV	3	Within range
13.05.23	2	M-3 GF CF area	Methanol	1	5	5	200	TLV	2	Within range
27.05.23	3	M-2 Plant GF Area CF	IPA	1	5	5	200	TLV	2	Within range
25.06.23	1	M-1 Plant GF CF-303 (PPA-A)	Ethyle Acetate	3	22/18/20	20	400	TLV	2	Within range
27.06.23	2	P-3 Plant R-1030 1st Floor	MDC	3	10/17/15	14	87	OSHA	2	Within range
29.06.23	3	M-2 Plant 2nd Floor R-413	MeOH	3	11/ 7 /11	9.66	200	TLV	2	Within range

09.07.23	1	M-2 G Floor PA-A	Acetone	3	29/23/21	24.33	750	TLV	2	Within range
16.07.23	2	M-1 ANF-301	MDC	3	20/15/15	16.66	87	OSHA	2	Within range
23.07.23	3	P-4 CF area G floor	Acetone	3	20/1822	20	750	TLV	2	Within range
08.08.23	1	QC-1 GF Analysis Room	CO (Carbon Monoxide)	2	2/2	2	50	TLV	2	Within range
08.08.23	2	PDL Wash area GF	Methanol	2	14/12	13	200	TLV	1	Within range
14.08.23	3	P-3 Plant Intermediate Reactor Charging	IPA	2	22/20	21	200	TLV	2	Within range
08.09.23	1	P-3 Plant R-1017 1st Floor	Ethyle Acetate	3	28/26/30	28	400	TLV	2	Within range
16.09.23	2	M-3 GF CF area	MeOH	3	10/17/15	14	200	TLV	2	Within range
24.09.23	3	M-1 CF-312 PPA-B	Ethyle Acetate	3	24/22/26	24	400	TLV	2	Within range

FORM NO. 37

(Prescribe under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.
2. Raw-material, by-product and finished products involved in the process

Date: April – 2023

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
03/04/2023 1)	M-1	MDC	Diaphragm hand pump	01	05 PPM	05 PPM	87 PPM (OSHA)	OSHA	02	Within range		Mohit Patel
13/04/2023 2)	M-2	Acetone	VOC meter	02	25/20	22.5 PPM	750 PPM	TLV	02	Within range		Mohit Patel
24/04/23 3)	P-3	methanol	VOC meter	02	15/5	10 PPM	200 PPM	TLV	02	Within range		Mohit Patel

FORM NO. 37

(Prescribe under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.

Date: May - 2023

2. Raw-material, by-product and finished products involved in the process

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
07/05/23 01	M-I Gr. Floor ANF-301	MDC	Voc meter	01	05 PPM	05 PPM	87 PPM (OSHA)	OSHA TLV	03	Within range	Coast	PRASHANT. J. CHATURVEDI.
13/05/23 02	M-3 Gr. F CF area	MeOH	Voc Meter	01	05 PPM	05 PPM	200 PPM	TLV	02	Within range	Coast	PRASHANT. J. CHATURVEDI.
27/05/23 03	M-2 Gr. F. area CF	IPA	Voc Meter	01	05 PPM	05 PPM	200 PPM	TLV	02	Within range	Coast	PRASHANT. J. CHATURVEDI.

FORM NO. 37

(Prescribe under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.

Date: May - 2023

2. Raw-material, by-product and finished products involved in the process

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
07/05/23 01	M-I Gr. Floor ANF-301	MDC	Voc Meter	01	05 PPM	05 PPM	87 PPM (OSHA)	OSHA TLV	03	Within range	Covert	PRASHANT. J. CHATURVEDI.
13/05/23 02	M-3 Gr. F CF area	MeOH	Voc Meter	01	05 PPM	05 PPM	200 PPM	TLV	02	Within range	Covert	PRASHANT. J. CHATURVEDI.
27/05/23 03	M-2 Gr. F. area CF	IPA	Voc Meter	01	05 PPM	05 PPM	200 PPM	TLV	02	Within range	Covert	PRASHANT. J. CHATURVEDI.

FORM NO. 37

(Prescribe under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.

Date: June-2023

2. Raw-material, by-product and finished products involved in the process

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
25/06/23 01	M-1 Plant GF CF-303 (PPA-A)	Ethyl Acetate	Voc Meter	03	22 18 20	20 PPM	400 PPM	TLV	02	Within range	Correct	PRASHANT J CHATURVEDI
27/06/23 02	P-3 Plant R-1030 IST Floor	MDC	Dragger tube & Pump	03	10 17 15	14 PPM	87(OSHA) PPM.	OSHA	02	Within range	Correct	PRASHANT J CHATURVEDI
29/06/23 03	M-2 Plant IInd Floor R-413	MeOH	Voc Meter	03	11 7 11	9.66 PPM	200 PPM	TLV	02	Within range	Correct	PRASHANT. J. CHATURVEDI.

FORM NO. 37

(Prescribe under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.

Date: July - 2023

2. Raw-material, by-product and finished products involved in the process

3. Particulars of sampling

	Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
					Number of samples	Range							
	1	2	3	4	5	6	7	8	9	10	11	12	13
09/07/23	01	M-2 CF Floor PPA-A	Acetone	VOC meter	03	29 23 21	24.33 PPM	750 PPM	TLV	02	Within range	Coat	PRASHANT. J. CHATURVEDI
16/07/23	02	M-I/ ANF-301	MDC	Dragger tube & Pump	03	20 15 15	16.66 PPM	87 PPM (OSHA)	OSHA	02	Within range	Coat	PRASHANT. J. CHATURVEDI
23/07/23	03	P-47 CF area CF Floor	Acetone	VOC Meter	03	20 18 22	20.0 PPM	750 PPM	TLV	02	Within range	Coat	PRASHANT J. CHATURVEDI.

FORM NO. 37

(Prescribe under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.

Date: AUG-2023

2. Raw-material, by-product and finished products involved in the process

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
08/08/23 1)	QC-1 Q.C Analysis Room	CO (carbon monoxide)	VOC Meter	02	2 2	2	50 PPM	TLV	02	Within Range	Recd	PRASHANT. J. CHATURVEDI
08/08/23 2)	PDL Wash area / G. Floor	Methanol	Dragger Tube Pump	02	14 12	13	200 PPM	TLV	01	Within Range	Recd	PRASHANT. J. CHATURVEDI
14/08/23 3)	P3 Plant Intermediate Reactor Charging	IPA	VOC Meter	02	22 20	21	200 PPM	TLV	02	Within Range	Recd	PRASHANT. J. CHATURVEDI

FORM NO. 37

(Prescribe under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A(a) (e)

1. Name of the Department / Plant.

Date: SEP-2023

2. Raw-material, by-product and finished products involved in the process

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
08/09/23 01	P-3 Plant R-1017 IST Floor	Ethyl Acetate	Voc meter	03	28 26 30	28 PPM	400 PPM	TLV	02	Within Range	Yogesh	PRASHANT. J. CHATURVEDI
16/09/23 02	M-3 G.F CF area	MeOH	Voc meter	03	10 17 15	14 PPM	200 PPM	TLV	02	Within Range	Yogesh	PRASHANT. J. CHATURVEDI
24/09/23 03	M-I CF-312 (PPA-B)	Ethyl Acetate	Voc meter	03	24 22 26	24 PPM	400 PPM	TLV	02	Within Range	Yogesh	PRASHANT. J. CHATURVEDI

ANNEXURE D

Noise Monitoring Summary and Report

LUPIN LIMITED, DABHASA					
ANALYSIS DONE BY: M/S POLLUCON LABORATORIES PVT. LTD.,SURAT					
Sr. No.	Location	10.04.2023		10.07.2023	
		Day Time Leq dB(A)	Night Time Leq dB(A)	Night Time Leq dB(A)	Night Time Leq dB(A)
1	Near Main Gate	58.9	51.8	58.3	51.9
2	Near QC/QA-2	58.8	49.5	60.2	52.0
3	Near Hydro Generator	61.8	54.6	57.8	54.6
4	Near Fire Hydrant Tank-2	57.8	54.7	58.8	53.9
5	Near By New Ware House Boundry	62.5	60.4	62.5	58.5
6	Near Utility-2(outside)	63.3	59.2	65.0	59.2
7	Near Store & Admin	57.3	54.3	57.3	50.5
8	Near F.O yard	57.8	51.1	59.8	52.1
9	Near Solvent area	56.7	50.8	56.4	51.4
10	Near D.G Area	53.2	48.2	53.2	48.2
11	Near Boiler,(Outside)	66.3	63.4	67.2	61.3
12	Near M1,M2,M3	66.2	57.1	64.4	59.5
13	Near Decanter	58.2	56.4	60.6	56.2
14	Near ETP Entrance	57.2	49.8	56.9	54.5
15	Near S.R.U-1	64.7	58.6	63.7	59.1

Acoustic Enclosures of DG Set

TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No	:	**PL/L/23/0047B**
	Issue Date	:	**19/04/2023**
	Customer's Ref.	:	**P.O.NO 3100250519** **Date: 21.04.2022**

Date of Sampling	:	**10/04/2023**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**
Sampling Location	:	**As per table**
Test Method	:	**IS 9876 / IS 9989**

RESULT TABLE

SR. NO.	NAME OF THE LOCATION	OBSERVATION	
		Day Time Leq dB(A)	Night Time Leq dB(A)
1	Near Main Gate	58.9	51.8
2	Near QC/QA-2	58.8	49.5
3	Near Hydro Generator	61.8	54.6
4	Near Fire Hydrant Tank - 2	57.8	54.7
5	Near By-NW-Boundry	62.5	60.4
6	Near Utility-2 (Outside)	63.3	59.2
7	Near Store & Admin	57.3	54.3
8	Near F.O. Yard	57.8	51.1
9	Near solvent Area	56.7	50.8
10	Near D.G Area	53.2	48.2
11	Near Boiler (Outside)	66.3	63.4
12	Near M1,M2,M3	66.2	57.1
13	Near Decanter	58.2	56.4
14	Near ETP Entrance	55.2	49.8
15	Near S.R.U - 1	64.7	58.6
GPCB Limit as per Ambient Air Quality Standards in respect of Noise for Industrial Area#		**75 Leq dB[A]**	**70 Leq dB[A]**

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

Customer's Name and Address :

M/s. LUPIN LTD. **BLOCK NO. 21, VILLAGE DABHASA,** **TAL: PADRA, DIST: VADODARA.**	Test Report No	:	**PL/L/23/0081**
	Issue Date	:	**15/07/2023**
	Customer's Ref.	:	**P.O.NO 3100274858**

Date of Sampling	:	**10/07/2023**
Sampling by	:	**Pollucon Laboratories Pvt. Ltd.**
Sampling Location	:	**As per table**
Test Method	:	**IS 9876 / IS 9989**

RESULT TABLE

SR. NO.	NAME OF THE LOCATION	OBSERVATION	
		Day Time Leq dB(A)	Night Time Leq dB(A)
1	Near Main Gate	58.3	51.9
2	Near QC/QA-2	60.2	52.0
3	Near Hydro Generator	57.8	54.6
4	Near Fire Hydrant Tank - 2	58.8	53.9
5	Near By-NW-Boundry	62.5	58.5
6	Near Utility-2 (Outside)	65.0	59.2
7	Near Store & Admin	57.3	50.5
8	Near F.O. Yard	59.8	52.1
9	Near solvent Area	56.4	51.4
10	Near D.G Area	53.2	48.2
11	Near Boiler (Outside)	67.2	61.3
12	Near M1,M2,M3	64.4	59.5
13	Near Decanter	60.6	56.2
14	Near ETP Entrance	56.9	54.5
15	Near S.R.U - 1	63.7	59.1
GPCB Limit as per Ambient Air Quality Standards in respect of Noise for Industrial Area#		**75 Leq dB[A]**	**70 Leq dB[A]**

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025.

Ravi Jariwala
Sr. Environmental Scientist

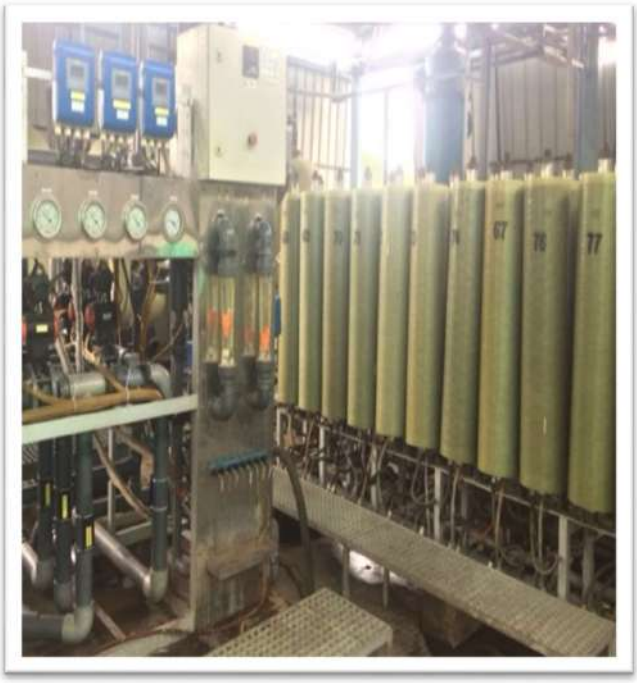
Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

Annexure – E

Photographs of RO & MEE Plant

Zero Liquid Discharge Plant	
Reverse Osmosis Plant	**Multi Effect Evaporator**
	

Annexure – F

Photographs of Guard Pond & Storm Drain System at Site

Guard Pond for Storm Drain	Sluice Valve at Strategic locations in storm drain
	

Annexure – G

Photo of Flame Arresters installed on Solvent Storage Tanks

Breather Valves & Flame Arresters installed on Each Tank

Annexure – H

Solid Waste Management & Copy of Manifest for disposal of Haz. & Other Waste

Composter for kitchen & garden waste	
	
Solid Waste management system	
Glass Crusher Machine	**Bale press-MS Drum**
	
HDPE drum Crusher Machine	**Bale press-Plastic**
	

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Ecocare Infrastructures Pvt. Ltd. [48212]

Manifest No: 2199987
14/09/2023

Copy 6

To be forwarded by To be returned by the Operator of the facility to the Occupier after treatment and disposal of hazardous material/waste.

Sender's Details			
Sender Name	Lupin Ltd. (Formerly Novodigm Limited) [22562]		
Address	VILL-DABHASA,- Taluka :PAD Distict:VAD Pin no:391440		
Contact Details	9879538440 rakeshdave1@lupin.co.in	GPS Coordinates	Lat :22.256988378010757 Long :73.03859556487213

Receiver's Details			
State	Gujarat	Type of Facility	Common TSDF
Facility Details	Ecocare Infrastructures Pvt. Ltd. [48212]		
Contact Details	7434011011 account@ecocareinfra.com	GPS Coordinates	Lat :23.1872964563881 Long:71.92114111016166
Address	,VILLAGE: GHASPUR Taluka :DAS Distict:SRN Pin no: 382750		

Waste Details					
Waste Details	I~28~28.1~Process Residue and wastes				
Waste Intended for	LandFill	Total Qty	20.865MT	Consistency	Solid

Transporter Details			
Name	Krishna Roadlines	Contact Details	9737719996 krishnaroadlines@gmail.com
Address	22, Nilesh Park Building, Plot No. 80, Sector - 8,,Kutch, gandhidham District :Kutch East Taluka :Gandhidham		

Vehicle Details					
Vehicle no	GJ12BT0152 (IMEI No :867556043915522)	GPS Enabled	Yes	Type of Vehicle	Truck
Driver name	Mohamad irfan	Driver Contact No	9558682116		

Waste Transportation Details					
Vehicle Depart.	14/09/2023 3:35PM	Number of Drums	0	Loose Waste	20.865
Remarks	KCL Salt send to Ecocare in closed bags through designated truck.	No of bags		0	

Sender's Declaration :

1. I hereby declare that contents of the consignment are fully and accurate described above by proper shipping name and are categorized , packed, marked , and labeled , and are all in all respects in proper condition for transport by road according to applicable national government regulations.
2. I hereby declare that we have obtained membership of common facility / carried out agreement with actual user for disposal/ actual use of hazardous waste.

LUPIN LIMITED
Block No. 21, Village : Dabhasa,
Taluka : Padra, Dist. : Vadodara, Gujarat, India.
Tel. +91 (0265) [illegible] Fax. +91 (0265) [illegible]

Name and stamp of sender: **Date:** **Signature:**

Transporter's Acknowledgement of Receipt of waste

Stamp: **Date:** **Signature:**

KRISHNA ROADLINES

Receiver's Certification of Receipt of Hazardous waste

Stamp:

ECOCARE INFRASTRUCTURES PVT. LTD. GHASPUR

Date: 15 SEP 2023 **Signature:**

By scanning QR code, copy of transporter will be display. (All copy has same information)

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14961

GEO CLEANER LLP [75614]

Manifest No: 2210997
29/09/2023

Copy 6

To be forwarded by To be returned by the Operator of the facility to the Occupier after treatment and disposal of hazardous material/waste.

Sender's Details					
Sender Name	**Lupin Ltd. (Formerly Novodigm Limited) [22562]**				
Address	VILL-DABHASA,- Taluka :PAD Distict:VAD Pin no:391440				
Contact Details	9879538440 rakeshdave1@lupin.com	**GPS Coordinates**	**Lat :22.256988378010757 Long :73.03859556487213**		
Receiver's Details					
State	Gujarat	**Type of Facility**	Pre- processing		
Facility Details	GEO CLEANER LLP [75614]				
Contact Details	7600444441 customer@geocleanerllp.com	**GPS Coordinates**	**Lat :22.500830478887224 Long:73.28062561876436**		
Address	TOWER H 402, AARUNI RESIDENCY BILL, VILLAGE: BIL, VADODARA ,Survey No. 94, Pratapnagar, Jarod Savali Road, Old Samlaya, Savali 391121, vadodara Taluka :SAV Distict:VAD Pin no:391410				
Waste Details					
Waste Details	I~28~28.1~Process Residue and wastes				
Waste Intended for	Preprocessing	**Total Qty**	8.440MT	**Consistency**	liquid
Transporter Details					
Name	Swarnim Logistic	**Contact Details**	9998792479 swarnimlogistics@gmail.com		
Address	ankleswar,ANKLESHWAR District :Bharuch Taluka :Bharuch				
Vehicle Details					
Vehicle no	GJ16Z5181 (IMEI No :358980100740183)	**GPS Enabled**	Yes	**Type of Vehicle**	Tempo
Driver name	Gauri Shankar	**Driver Contact No**	9726322816		
Waste Transportation Details					
Vehicle Depart.	29/09/2023 4:26PM	**Number of Drums**	40	**Loose Waste**	8.440
Remarks	Process residue and waste send to Geo LLP in closed drums through Designated truck.		**No of bags**	0	

Sender's Declaration :

1. I hereby declare that contents of the consignment are fully and accurate described above by proper shipping name and are categorized , packed, marked , and labeled , and are all in all respects in proper condition for transport by road according to applicable national government regulations.
2. I hereby declare that we have obtained membership of common facility / carried out agreement with actual user for disposal/ actual use of hazardous waste.

LUPIN LIMITED
Block No. 21 Village : Dabhasa,
Taluka : Padra, Dist. : Vadodara, Gujarat, India

Name and stamp of sender: **Date:** **Signature:**

Transporter's Acknowledgement of Receipt of waste

Stamp: **Date:** 29 SEP 2023 **Signature:**

SWARNIM LOGISTICS Ankleshwar

Receiver's Certification of Receipt of Hazardous waste

29 SEP 2023

Stamp: **Date:** **Signature:**

GEO CLEANER LLP VADODARA

By scanning QR code, copy of transporter will be display. (All copy has same information)

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GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

BY R.P.A.D.

Consolidated Consent & Authorization (CC&A) Amendment
W-128232

No: GPCB/CCA-VRD-331(17)/ID:22562/ 752670 06/9/2023

To,
M/s. Lupin Ltd. (Formerly Novodigm Limited)
Plot No. 21, Vill-Dabhasa,
Ta: Padra, Dist: Vadodara - 391440.

Sub: Amendment to Consolidated Consent & Authorization (CC&A) Under Water Act, 1974, Air Act, 1981 And Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 Framed Under Environment (Protection) Act, 1986.

Ref: 1) Your online CCA- amendment application no. **279775** dated **19/05/2023**.
2) CCA order no. **AWH-113866** dated **22/07/2021.**
3) CTE order No.**125986**, dated **10/05/2023**.

Sir,

This has reference to the CCA order no. AWH-113866 dated 22/07/2021 issued vide letter no. GPCB/CCA-VRD-331(15)/ID:22562/596206 dated 28/07/2021 under the provisions of the Water Act- 1974, Air Act- 1981 and Hazardous And Other Waste (Management And Transboundary Movement) Rules-2016 framed under Environmental (Protection) Act 1986.

Reference to your application no.**279775** dated **19/05/2023**, the said CCA order is further amended as under:

Specific Condition: Unit shall apply for CCA-amendment separately after installation of agro waste/briquette fired Boiler (6 TPH) with APCM.

1. Product list mentioned at condition no. 2 is amended for addition of following items:

GROUP	Sr. No.	Product	Quantity (MT/Year)
A		**CATEGORY: I**	10
	1	1-(3-CHLOROPHENYL)-4-(3-CHLOROPROPYL)PIPERAZINE HYDROCHLORIDE	
	2	BRIVARACETAM-VII	
	3	BRIVARACETAM	
	4	ZIPRASIDONE HYDROCHLORIDE	
	5	ILAPRAZOLE	
	6	PRASUGREL HYDROCHLORIDE	
	7	TENOFOVIR DISOPROXIL FUMARATE	
	8	REMDESIVIR	

Clean Gujarat Green Gujarat
Website : https://gpcb.gujarat.gov.in

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GROUP	Sr. No.	Product	Quantity (MT/Year)
	9	METFORMIN HYDROCHLORIDE	
	10	AZITHROMYCIN DIHYDRATE	
	11	4-IMINO-3-AMINO RIFAMYCIN-S / IMINO RIFAMYCIN S	
	12	DROXIDOPA	
	13	MIRABEGRON	
	14	TELMISARTAN	
	15	ILOPERIDONE	
	16	COLESEVELAM HYDROCHLORIDE	
	17	PIOGLITAZONE HYDROCHLORIDE	
	18	DEXLANSOPRAZOLE	
	19	CICLETANINE HYDROCHLORIDE	
	20	RUFINAMIDE	
	21	RIFABUTIN	
	22	RIVAROXABAN	
	23	APREMILAST / APREMILAST (Form-M)	
	24	ZIDOVUDINE	
B		**Category : II**	690
	25	LEVETIRACETAM	
C		**Category : III**	125
	26	RIFAXIMIN	
	27	NIMORAZOLE	
	28	QUETIAPINE FUMARATE	
	29	FLUPIRTINE MALEATE	
D		**Category : IV**	80
	30	MESALAMINE	
	31	ACOTIAMIDE HYDROCHLORIDE HYDRATE	
	32	CARVEDILOL	
	33	VENLAFLAXINE HYDROCHLORIDE	
	34	FEBUXOSTAT	
	35	ATAZANAVIR SULFATE	
	36	BUPROPION HYDROCHLORIDE	
	37	CELECOXIB	
	38	LANTHANUM CARBONATE DIHYDRATE	
	39	DRONEDARONE HYDROCHLORIDE	
	40	LACOSAMIDE	
	41	FLUPIRTINE BASE	

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GROUP	Sr. No.	Product	Quantity (MT/Year)
	42	LURASIDONE HYDROCHLORIDE	
	43	CINACALCET HYDROCHLORIDE	
	44	DABIGATRAN ETEXILATE MESYLATE	
	45	ESLICARBAZEPINE ACETATE	
	46	IRBESARTAN	
	47	OMEPRAZOLE	
	48	MOLNUPIRAVIR	
	49	**RIFAPENTINE**	
		Category : V	
	50	PREGABALIN	
	51	METOPROLOL SUCCINATE	
E	52	ATORVASTATIN CALCIUM (TRIHYDRATE / AMORPHOUS)	100
	53	AMLODIPINE BESYLATE	
	54	FERRIC CITRATE	
	55	SUCROFERRIC OXYHYDROXIDE	
		Category : VI	
	56	TENELIGLIPTIN HYDROBROMIDE HYDRATE	
	57	AZITHROMYCIN MONOHYDRATE	
	58	SEVELAMER CARBONATE	
	59	SEVELAMER HYDROCHLORIDE	
	60	DESVENLAFAXINE SUCCINATE MONOHYDRATE	
	61	PIRFENIDONE	
F	62	DESVENLAFAXINE BENZOATE	50
	63	ESOMEPRAZOLE MAGNESIUM DIHYDRATE	
	64	OLMESARTAN MEDOXOMIL	
	65	FENOFIBRATE	
	66	DESLORATADINE	
	67	LANSOPRAZOLE	
	68	PROGLUMETACIN MALEATE	
	69	CYCLOSERINE	
	70	RITONAVIR	
G	71	R & D Pilot Plant Trial Run Products (Bulk Drugs and intermediates)	30
Total Quantity			**1085**

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Website : https://gpcb.gujarat.gov.in

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2. The condition no.4.1, 4.2, 4.3 & 4.4 of CCA order are replaced and shall be read as under:-

(4.1) The total quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall not exceed **393 KL/Day**.

(4.2) The company shall ensure zero liquid effluent discharge from the entire unit through the treatment scheme comprising segregation of effluent streams into high COD/TDS and low COD/TDS effluent stream, MEE, Biological treatment, RO etc. No effluent shall be discharged outside the plant premises and "Zero" effluent discharge concept will be followed.

(4.3) The total quantity of the domestic wastewater (sewage) shall not exceed **45 KL/Day**.

(4.4) Sewage shall be treated along with industrial wastewater and there shall be no discharge of domestic wastewater outside the premises and shall maintain zero discharge.

3. The condition no.5.1 & 5.3 of CCA order are replaced and shall be read as under:-

(5.1) The following shall be used as fuel in various utilities respectively.

Sr. No	Fuel	Quantity
1.	LSHS / LDO	579 Kg/Hr.
2.	HSD	533 Kg/Hr.

(5.3) The flue gas emission through stack attached to following shall conform to the following standards:

Sr. No.	Stack Attached To	Stack Height	Parameter	Permissible Limit
1.	Thermic fluid heater-1 (Cap: 400 M cal.)	30 meter (common stack)	Particulate Matter SO_2 NO_x	150 mg/NM^3 100 ppm 50 ppm
2.	Boiler-3 (Cap:2 TPH)	38 meter		
3.	Boiler-2 (Cap:5 TPH)			
4.	DG Set-1 (Cap:320 KVA)	10 meter		
5.	DG Set-2 (Cap:320 KVA)	10 meter		
6.	DG Set-3 (Cap:600 KVA)	10 meter		
7.	DG Set-4 (Cap:600 KVA)	10 meter		
8.	DG Set-5 (Cap:1010 KVA)	30 meter		

4. D. G. Set standards:- The flue gas emission through stack attached to D. G. Set shall conform to the following standards.

a)The minimum height of stack to be provided with each of the generator set shall be H=h + 0.2 (KVA) $^{1/2}$, where H= Total stack height in meter, h= height of the building in meters where or by the side of which the generator set is installed.

b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.

c)The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it

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may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.

d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).

e)All efforts shall be made to bring down the noise level due to the D.G.Set, outside the premises, within the ambient noise requirements by proper sitting and control measures.

f) Installation of a D.G.Set must be strictly in compliance with the recommendations of the D.G.Set manufacturer.

g) A proper routine and preventive maintenance procedure for the D.G.Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.

5. All other conditions of CCA order no. **AWH-104706** dated **21/10/2019** issued vide letter no. GPCB/CCA-VRD-1081(5)/ID-33326/525777 dated 25/10/2019 shall remain unchanged.

For and on behalf of
Gujarat Pollution Control Board

DPShah

(D.P. Shah)
Senior Environmental Engineer

Annexure – J

Photographs of OHC & Copy of Health Report of Employee

OHC Facility	
	

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DR.KAILASH AGARWAL

M.B.B.S.,D.O.I.H.(General Physician) Consulting Industrial Physician
Registraton No. (G) - 24223, (R) - 016912

PERIODICAL MEDICAL CHECK UP OF EMPLOYEES

EMP CODE : 225709 DATE: 07/4/23

NAME OF EMPLOYEE : Himanshu Gohil

Designation / Department : Executive, Env.

DOB: 26/06/81 171 Height (cm) 70. Weight (Kgs)

Pulse Rate: 90 /Min

Blood Pressure: 126/76 mm of Hg

SYSTEM EXAMINATION

R.S: NAD C.V.S: NAD

C.N.S: NAD Liver/Spleen: NAD

He/She is suffering from any skin disease,Contagious & Communicable disease Yes / No

VISION TEST:

ACTUAL VISION		RT EYE	LT EYE
Without Glass	Distant	6/6	6/6
	Near	—	—
With Glass	Distant	—	—
	Near	N6	N6

Colour Vision: Normal

SPO2 : 98. Normal

The Employee in Fit / Unfit For Job : fit

Remark: Normal

Advice: —

Dr. Kailash Agarwal
M.B.B.S., D.O.I.H.
Reg.No.(R) 016912 (G) 24223

Dr. Kailash Agarwal
M.B.B.S., D.O.I.H.
Reg. No. G - 24223
(M) : 98242 63700

Signature With Seal

9, Earth Bunglows, Aksharchowk, Nr. ICICI Bank, Old Padra Road,Vadodara.(M) 9824263700

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Kalyan Path Laboratory

GF-6, Angan Tower, Opp. Bhavan's School, Makarpura Road, Baroda.
Ph. 0265 - 2634625, 3563109 • Email : kalyanpathlab@gmail.com

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF
ISO 9001:2015

Name	*HIMANSHU GOHIL 225709*	*Date*	*07/04/2023*
Age/Sex	*M*		
Ref.By.DR.	*LUPIN LIMITED*	*Lab No.*	L--0155

HAEMATOLOGY REPORT

INVESTIGATIONS	RESULT	UNITS	REFERENCE RANGE
Heamoglobin	13.5	gm/dl	M : 13.0 - 18.0 , F : 11. 5 - 16.5
RBC Count	5.22	/cumm	M:4.6-6.5,F:3.9-5.6
P.C.V	43.54	%	34-54
M.C.V.	83.41	fl	79-101
M.C.H	25.86	pg	26-36
M.C.H.C.	31.01	g/dl	31-37
Total Count(WBC)	7100	/cumm	4000-10500
Differential WBC Count			
Polymorphs	57	%	40-75
Lymphocytes	33	%	20-45
Eosinophils	01	%	1-6
Monocytes	09	%	2-10
Basophils	00	%	0-1
Platelet Count	243	x1000	150 - 400 /cumm
Malarial Parasites	Not Detected	Thick & Thin Smear	

Analysed by Celtec Alpha - Fully Automated Haematology Analyzer from NIHON KOHDEN ,JAPAN.

BIOCHEMISTRY

INVESTIGATIONS	RESULT	UNITS	REFERENCE RANGE
Random Blood Sugar	*108.0*	*mg/dl*	*less than 140*
Creatinine	*1.1*	*mg/dl*	*0.5 - 1.5*
S.G.P.T(ALT)	*14.5*	*U/L*	*5 - 45*

Dr Rakesh Sing
M.D.

Dr. Rakesh N. Sing
M.D. Pathology

All Test Reports are Subject to Technical Limitations & Should be Clinically Correlated. Lab May Be Contacted Whenever Required. This Reports is for Doctor's Use & Not Valid for Medico Legal Purpose.

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Kalyan Path Laboratory

GF-6, Angan Tower, Opp. Bhavan's School, Makarpura Road, Baroda.
Ph. 0265 - 2634625, 3563109 • Email : kalyanpathlab@gmail.com

ISO 9001:2015

Name	MR. HIMANSHU GOHIL 225709	Date	07/04/2023
Age/Sex	M		
Ref.By.DR.	LUPIN LIMITED	Lab No.	L--0155

ROUTINE URINE ANALYSIS

Sample	Random
PHYSICAL EXAMINATION	
Colour	Strow
Appearance	Clear
CHEMICAL EXAMINATION	
Protein	Absent
Sugar	Absent
Ketone	Absent
Blood	Absent
Bilirubin	Absent
Urobilinogen	Normal
pH	7.5
Sp. Gravity	1.010
BS & BP	NEGATIVE
MICROSCOPIC EXAMINATION(Per hpf)	
Epithelial Cells	0 - 2
Pus Cells	0 - 2
Red Blood Cells	Absent
Casts	Absent
Crystals	Absent

(+) Spread imported reagent strip

(+) After centrifugation at 2500 RPM for 10 min

Dr Rakesh Sing
M.D.

Dr. Rakesh N. Sing
M.D. Pathology

All Test Reports are Subject to Technical Limitations & Should be Clinically Correlated. Lab May Be Contacted Whenever Required. This Reports is for Doctor's Use & Not Valid for Medico Legal Purpose.

Annexure – K

Green Belt Development at site

Green Belt Development

LHWRF activities Apr-23 to Sep-23

Plastic waste awareness & cleaning drive

Farmer's training

Community day celebration

Cleaning & development of recharging borewell

World environment day celebration

Plantation activity- community day celebration

Microscope support at Mujpur PHC

Support for computer and printer system

World heart day celebration

Nutrition food kit distribution

Farmers training

Healthy baby competition

Blood donation camp at Lupin Ltd., Dabhasa

After care plantation activity

Flood kit distribution – Flood relief work

Educational lecture

Encouragement for participation in World heart day

Support in blood donation

Natural farming promoting- Outlet stall

Flood relief work at Mahomadpura

Annexure – M

Photographs of Rain Water Harvesting in surrounding villages

Natural Resources Conservation Rain water Harvesting in surrounding villages	
	

ENVIRONMENT, HEALTH, SAFETY AND SUSTAINABILITY POLICY

Lupin (together with our subsidiaries) is committed to high standards of Environmental, Health, Safety and Sustainability (EHS&S) performance. We strive to maximize operational efficiencies while minimizing our impact on the environment and utilize our resources in a judicial manner. As part of our commitment to ensuring a safe and healthy work environment, Lupin actively takes steps to ensure there are no accidents or incidents.

The EHS&S policy is applicable to all our manufacturing facilities, R&D facilities, subsidiaries, JVs, and business operations. We partner with our suppliers, service providers, and contractors to embrace EHS&S processes for improved performance.

This policy is applicable to all Lupin employees, and contractors. They are expected to comply with the requirements stated in this policy.

For the effective implementation of this policy, the leadership and the employees across various locations collaborate and collectively drive the environment, health, safety & sustainability objectives by:

- Complying with the relevant and applicable statutory and regulatory requirements
- Integrating environment, health, safety and sustainability aspects into the planning and decision making of business processes
- Continually improving EHS&S performance through management systems, standard operating procedures, guidelines and deploying the necessary resources to achieve the same
- Actively identifying and mitigating the environmental and health & safety risks which arise from our business operations, distribution and logistics network and supply chain
- Undertaking environmental and social due diligence for mergers & acquisitions
- Optimizing resources to prevent pollution, conserve energy, water and reduce waste and emissions
- Providing adequate training and capacity building to employees, contractors, partners to raise awareness on EHS&S
- Periodically auditing our systems and processes to ensure continued conformance to the required standards
- Measuring, monitoring, and benchmarking our EHS&S practices and performance on a regular basis and publish a report for general communication
- Encouraging employees to identify and report any unsafe conditions including near miss and implement actions to prevent work related injury or illness

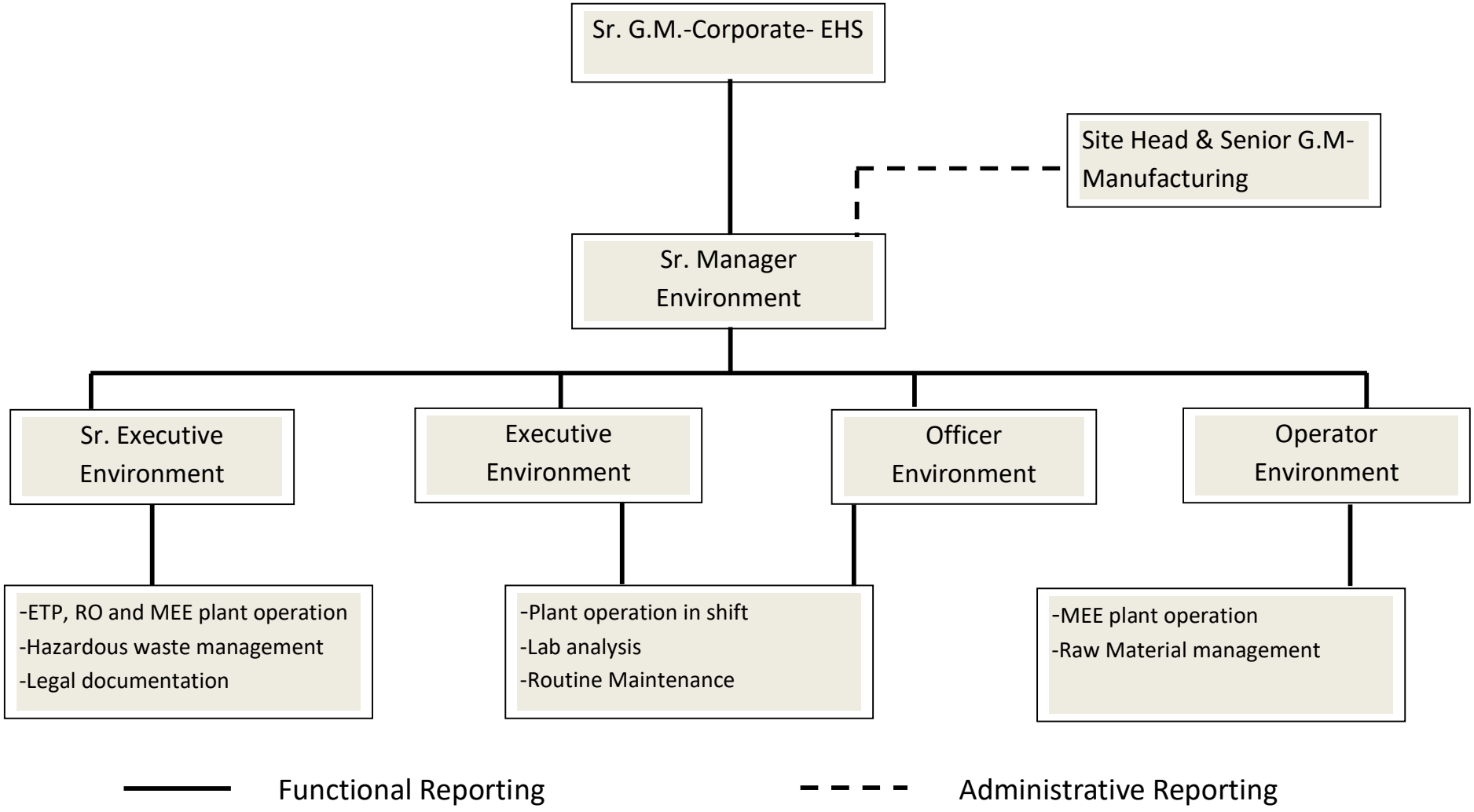
This policy shall be reviewed periodically for its continued suitability and updated as necessary.

Date: 08th July, 2022

Nilesh Gupta
Managing Director

ENVIRONMENT, HEALTH, SAFETY AND SUSTAINABILITY POLICY

Environment Management Cell



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O/C

LUPIN LIMITED
Block No.21, Village Dabhasa
Taluka Padra, Dist. Baroda – 391 440
Tel: +91 - 2662 - 228314, 228326

LUPIN

GPCB ID : 22562

ENV/GPCB/2324/2709 **27th September, 2023**

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10-A,
Gandhinagar.382 010

Subject: Submission of Environmental Statement in Form V for the financial year 2022-23.

Dear Sir,

With reference to above subject, we are herewith submitting Environmental Statement in Form – V for the financial year 2022-23.

Kindly acknowledge the receipt of the same.

Thanking You,

Yours faithfully,
For, **Lupin Limited**

Rakesh Dave.
(Site Head & Sr. GM – Manufacturing)

CC: Regional Office, GPCB, Vadodara

Encl.: Form – V (Environmental Statement)

29/09/23
G. P. C. Board
GERI Compound
Race Course, Vadodara.

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Form No. : A

FORM – V

(See Rule 14)

From : **LUPIN LIMITED**
BLOCK NO. 21, VILLAGE : DABHASA
TALUKA : PADRA
VADODARA – 391 440

To,
Gujarat Pollution Control Board
Sector 10-A
GANDHINAGAR 382 043

ENVIRONMENTAL STATEMENT for the financial year ending the 31st March 2023

PART – A

(i)	Name and address of the owner / occupier of the industry operation of process.	:	**LUPIN LIMITED BLOCK NO. 21, VILLAGE : DABHASA, TALUKA : PADRA, DIST : VADODARA – 391 440**
(ii)	Industry category – Primary – (STC Code) Secondary – (STC Code)	:	**Large Scale Industry**
(iii)	Production capacity Units	:	**1085 MT / Year**
(iv)	Year of establishment	:	**1999**
(vi)	Date of the last Environmental Statement submitted	:	**30/08/2022**

*Submission of Environmental Statement is in accordance with the provision of Rules 14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22-4-1993 G.S.R. 386 (E) in the Gazette of India – Extraordinary – Part – II Section 3 Subsection (i) No. 155 dated 28-4-1993 by the Ministry of Environment and Forest, Government of India read with the Notification dated 13-2-1993 G.S.R. 329 (E) of the Gazette of India – Extraordinary Part –II Section – 3, Subsection (i) No. 120 dated 13-3-1993.

"Every person carrying on an industry, operation or process requiring Consent under Section -25 of the Water (Prevention & Control of Pollution) Act, 1974 (6 of 1974) or under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous Wastes (Management and Handling) Rules, 1989 Published under the Environment (Protection) Act, 1986 (29 of 1986) shall submit an Environmental Statement for the financial year ending the 31st March in Form V to the concerned State Pollution Control Board on or before the Thirtieth day of September every year, beginning 1993."

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PART – B

Water and Raw Material Consumption

(1)	Water Consumption m3 / day	203.03 m3/day
	Process water	101.31 m3/day
	Boiler, Cooling & DM	15.69 m3/day
	Domestic + Garden	86.03 m3/day

Name of Products	Process water consumption per unit of product output	
	During the previous Financial year KL/Kg. 2021-22	During the current Financial year KL/Kg. 2022-23
	(1)	(2)
	0.195	0.234
ANNEXURE – I		

(ii) Raw material consumption

*Name of the raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous Financial year 2021-22	During the current Financial year 2022-23
ANNEXURE - II			

* Industry may use code if disclosing detail of raw material would violate contractual obligation, otherwise all industries have to name the raw material used

PART – C

Pollution discharged to environment / unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharge (mass/day)	Concentration of pollutants in discharges (mass / volume)	Percentage of variation from prescribed standards with reasons
(a) Water	The site is zero liquid discharge unit, hence no pollutants are discharge.		No Permissible Limits for wastewater, as the unit is ZLD.
(b) Air	STACK	PM : < 150 mg / Nm3	Below Permissible Limits
		SO2 : < 100 ppm	Below Permissible Limits
		NOX : < 50 ppm	Below Permissible Limits
	PROCESS VENT	HCL : < 20 mg / Nm3	Below Permissible Limits
		NH3 : < 175 mg / m3	Below Permissible Limits
		SO2 : < 40 mg / Nm3	Below Permissible Limits

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PART – D

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Wastes	Total Quantity (Kg.)	
	During the previous Financial year 2021-22	During the current Financial year 2022-23
(a) From process	ANNEXURE - III	
(b) From pollution control facilities		

PART – E

Solid Wastes

	Total Quantity (Kg.)	
	During the previous Financial year 2021-22	During the current Financial year 2022-23
(a) From process	ANNEXURE – IV	
(b) From pollution control facilities		
(c) (1) Quantity recycled or re-utilized within the unit (2) Sold (3) Disposal		

PART – F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

5.1	USED Spent OIL	Generation, Collection, Storage, Transportation, Disposal by selling to register / authorized refiner having valid CCA of GPCB & Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and xgn generated manifest.
28.1	Process residue & waste	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration / Land filling) / Sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
	Sodium Salts (Nabr,Nacl,Na2so3)	
	Potassium Salts(Kbr, Kcl)	
28.2	Spent catalyst	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / Off-site recovery at units from where the catalyst is procured / other units doing recovery / Co-Processing in cement industries / sent to pre-processor or waste mix facilities having valid CCA of GPCB / Rule 9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
28.3	Spent carbon	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for Co-Processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule - 9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
28.4	Off specification product	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM-2016 by use of GPS enable vehicle and XGN generated manifest.

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28.6	Spent Solvent	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities / sent to actual end users having valid CCA of GPCB / Rule 9 permission under HWM rule 2016 by use of GPS enable vehicle and XGN generated manifest.
33.1	Discarded containers / liners	Generation, Collection, Storage, Transportation & disposal by selling to registered / authorized recycler having valid CCA of GPCB & Rule-9 permission under HWM Rule-2016 or dispose to authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
Other Waste	S4-Other waste non-recycle plastic waste/PVC, Rubber waste, glass waste, discarded cementing materials, paint chips/residue, etc.	Generation, Collection, Storage, Transportation & disposal at common TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
33.2	Contaminated cotton rags or other cleaning materials	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM-2016 by use of GPS enable vehicle and XGN generated manifest.
35.3	ETP sludge	Generation, Collection, Storage, Transportation & Disposal at common TSDF / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM-2016 by use of GPS enable vehicle and XGN generated manifest.
35.2	Spent ion exchange resin containing toxic metals	Generation, Collection, Storage, Transportation & disposal at common TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
35.3	ATFD solid	Generation, Collection, Storage, Transportation & Disposal at common TSDF / sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.
Other Waste	S1-Other waste Insulation waste	Generation, Collection, Storage, Transportation & disposal at common TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.
B15	Spent acid	Generation, Collection, Storage & treatment in in-house ETP
A10	Liquor ammonia	Generation, Collection, Storage, Transportation & sent to cement industry for co-processing / sent to pre-processer or waste mix facilities having valid CCA of GPCB / Rule 9 permission under HWM Rule - 2016 by use of GPS enable vehicle and XGN generated manifest.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- Utilization of LSHS instead of LDO.
- Rain water is recharged within and outside the premises.
- Entire treated effluent is recycled & reused in utility etc.
- Converted all scrubbers from single stage to double stages.

PART – H

Additional measures / Investment proposal for environmental protection including abatement of pollution / prevention of pollution.

- Planned to install sludge dryer for drying of ETP sludge. Moisture content of final product will be < 25%. Total project cost for installation of dryer is approximately Rs. 85 lacs. Project under progress.

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- Granted CTE for replacement of 6 TPH oil fired boiler by 6 TPH Briquette fired boiler. Briquette is clean and renewable fuel. Total project cost for replacement of 6 TPH boiler is approximately Rs. 351 lacs. Project under progress.

PART - I

Any other particulars for improving the quality of the environment.

- Environment Day celebrated on 5th June-2023 along with tree plantation. Planted 500 nos. saplings.
- Participated in program arranged by GPCB w.r.t. Awareness about ban of single use plastic. Take part in Housekeeping programme at villages with GPCB, officials. Also given training and token gifts (Jute bags) to villagers during this programme.

(Signature of a person carrying out an Industry – operation or process)

Name : **Rakesh Dave**
Designation : **Site Head & Sr. GM Manufacturing**
Address : **Lupin Limited**
Block No. 21, Village : Dabhasa
Taluka : Padra, Dist. : Vadodara

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ANNEXURE – I **PRODUCTION DETAILS**

PRODUCTION - FY 2022-23

MONTH	QTY. (MT)
Apr-22	11.65
May-22	11.12
Jun-22	15.67
Jul-22	15.99
Aug-22	7.77
Sep-22	6.86
Oct-22	14.74
Nov-22	14.62
Dec-22	20.25
Jan-23	14.28
Feb-23	9.63
Mar-23	15.76
Total	**158.34**

Process Water KL / Kg of Production = 0.234 KL/Kg

PRODUCTION - FY 2021-22

MONTH	QTY. (MT)
Apr-21	19.17
May-21	16.69
Jun-21	24.45
Jul-21	22.81
Aug-21	23.43
Sep-21	12.85
Oct-21	15.23
Nov-21	12.61
Dec-21	12.68
Jan-22	13.25
Feb-22	22.23
Mar-22	18.38
Total	**213.79**

Process Water KL / Kg of Production = 0.196 KL/Kg

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ANNEXURE – II RAW MATERIAL DETAILS

Sr. No.	RAW MATERIAL DETAILS	Kg/kg
1	**MIRABEGRON**	
	R-APPE HCl -- ((1R)-2-{[2-(4-aminophenyl)ethyl]amino}-1-phenylethanol)	1.04
	ATAA -- ((2-amino-1,3-thiazol-4-yl)acetic acid)	0.56
	DEC HCL-- (N-[3-(dimethylamino)propyl]-N'-ethylcarbodiimide hydrochloride)	0.75
	Aq.Ammonia	0.36
	Conc. HCl	0.34
	IPA	18.75
	Methanol	13.75
	Activated Carbon	0.06
	Celite	0.15
2	**COLESEVELAM HYDROCHLORIDE**	
	Allylamine	0.55
	Amidino compound	0.02
	Conc.HCl	1.71
	Methanol	23.58
	Sodium Hydroxide	0.37
	Sorbitan sesquiolate	0.03
	Epichlorohydrine	0.08
	Toluene	4.97
	IPA	8.18
	Cole-1	0.90
	1- Bromodecane	0.30
	Sodium Chloride	4.00
3	**RUFINAMIDE**	
	RFN-II (Acid compound)	1.39
	Conc. Sulphuric acid (98%)	0.29
	Methanol	43.48
	Methanol in methanolic ammonia solution	12.61
	Ammonia in methanolic ammonia solution	2.81
	DMF	7.08
4	**RIFABUTIN**	
	4-Imino-3-Amino Rifamycin-S / Imino Rifamycin - S	1.25
	Isobutyl-4-piperidone	0.33
	Ammonium acetate	0.04
	Disodium hydrogen ortho phosphate	0.30

Scanned

	Ortho phosphoric acid	0.01
	Disodium salt of EDTA	0.06
	Acetic acid	2.25
	Ammonia solution	3.13
	Celite	0.06
	Diisopropyl ether	23.67
	Acetone	0.26
5	**APREMILAST / APREMILAST FORM M**	
	APR-I	2.29
	N-Acetyl-L-Leucine	0.87
	Methanol	51.78
	3-Acetamidophthalic anhydride	0.66
	Sodium bicarbonate	1.65
	Acetic acid	7.2
	Ethyl acetate	14.86
	Acetone	12.49
	Celite	0.07
	Activated carbon	0.14
	Apremilast for seeding	0.00
6	**LEVETIRACETAM**	
	SABAM Hydrohcloride	1.03
	4-Chlorobutanoyl chloride	1.16
	Anhydrous sodium sulphate	1.55
	Pottasium hydroxide	2.01
	tetra butyl ammonium bromide	0.12
	Celite	0.58
	Activated carbon	0.36
	Dichloromethane	25.08
	Ethyl acetate	18.84
7	**RIFAXIMIN**	
	Rifamycin-O	2.19
	2-amino-4-methyl pyridine	0.94
	Ascorbic acid	0.06
	Con.HCl	0.63
	Methanol	14.16
8	**QUETIAPINE FUMARATE**	
	Dibenzo	0.71
	Phosphorous oxychloride (POCl3)	0.3

Scanned

	Triethyl amine (TEA)	0.18
	1-[2-(2-hydroxyethoxy)ethyl]piperazine (HEEP)	0.77
	Sodium carbonate (Na2CO3)	0.4
	Sodium bicarbonate (NaHCO3)	0.27
	Fumaric acid	0.15
	Hydroxhloric acid (HCl)	1.25
	Aq. Ammonia	1.29
	Sodium sulphate	0.01
	Celite	0.01
	Activated carbon	0.01
	Toluene	7.43
	DCM	16.27
	Ethanol	10.99
9	**FLUPIRTINE MALEATE**	
	2-Amino -6- chloro -3-nitropyridine (ACNP)	0.89
	IPA	28.73
	4- Flouro benzyl amine (4-FBA)	0.63
	Triethyl amine (TEA)	0.63
	2-Amino-6-(4-fluorobenzylamino)-3-nitropyridine (ANFP)	1.14
	Tetra butyl ammonium bromide (TBAB)	0.11
	Hydrazine hydrate (HH)	1.14
	Ethylchloroformate (ECF)	0.57
	Maleic acid	0.73
	Raney Nickel (Ra-Ni)	0.06
	Toluene	9.85
	Methanol	13
10	**ACOTIAMIDE HYDROCHLORIDE HYDRATE**	
	2,4,5-TMBA	0.76
	EATC	0.59
	Thionyl chloride	0.45
	TEA	0.36
	Na2CO3	0.12
	DMF	0.02
	Toluene	13.42
	IPA	1.20
	DIPDA	1.00
	Methanol	4.67
	HCl (For Methanol.HCl)	0.79

Scanned

	DMAC	1.17
	Activated carbon	0.05
	Hyflow celite	0.03
11	**FEBUXOSTAT**	
	Ethyl-2-(3-cyano-4-isobutoxyphenyl)-4-methyl-5-thiazolecarboxylate	1.53
	Sodium hydroxide	0.23
	Conc.HCl	0.62
	IPA	6.00
	Acetone	13.34
	Activated carbon	0.06
	Celite	0.06
12	**LURASIDONE HYDROCHLORIDE**	
	(1R,2S,3R,4S)-N-[(1R,2R)-2-[4-(1,2-Benzisothiazole-3yl)-1-piperizinylmethyl]-1-cyclohexylmethyl]-2,3-bicyclo[2,2,1]heptanedicarboxyimide [Lurasidone free base]	1.25
	Conc.HCl	0.26
	Activated carbon	0.13
	Celite	0.50
	Acetone	12.50
13	**ESLICARBAZEPINE ACETATE**	
	Oxcarbazepine	2.74
	Sodium Hydroxide	0.05
	Sodium borohydride	0.41
	Conc. HCl	1.76
	L(+)Tartaric Acid	1.75
	Acetic anhydride	5.14
	Conc. Sulphuric acid	0.02
	Pyridine	0.84
	Dimethyl amino pyridine	0.04
	Toluene	4.28
	Dichloromethane	32.26
	Sodium Hydroxide	1.61
	Triethyl amine	0.53
	Acetic anhydride	0.58
	Dimethyl amino pyridine	0.03
	Sodium bicarbonate	0.56
	Activated carbon	0.11
	Celite	0.22
	IPA	20.09

Scanned

14	**PREGABALIN**	
	R-CMH	1.66
	Sodium Hydroxide	0.43
	Sodium Hypo Choloride	9.44
	Sulfuric Acid	1.33
	Activated carbon	0.08
	Celite	0.01
	IPA	6.94
15	**ATORVASTATIN CALCIUM (TRIHYDRATE / AMORPHOUS)**	
	Cyano compound	1.59
	Diketo compound	2.43
	Pivalic acid	0.47
	Sodium bicarbonate	0.56
	Conc HCl	1.10
	Ammonia solun (25%)	0.17
	Raney nickel	0.16
	Act carbon	0.02
	Celite	0.02
	Ammonia	1.59
	Hydrogen	0.03
	Methanol	26.92
	Cyclohexane	16.67
	Ethyl acetate	4.3
	IPA	38
	Sodium hydroxide	0.26
	Calcium acetate	0.33
	Tert butyl methyl ether	18.33
	Butylated hydroxyl anisole	0.00143
	Methyl ethyl ketone	4.14
16	**FERRIC CITRATE**	
	Citric acid monohydrate	0.95
	Ferric chloride hexahydrate	1.22
	Sodium hydroxide	0.58
	Acetone	24.86
	IPA	18.69
17	**AZITHROMYCIN MONOHYDRATE**	
	Erythromycin base	2.57
	Hydroxyl amine hydrochloride	0.97
	Sodium hydroxide	1.47

Scanned

	Tri ethyl amine	0.52
	Methanol	62.63
	p-toluene sulphonyl chloride	1.23
	Sodium bicarbonate	0.54
	Conc HCl	0.36
	DCM	33.81
	Perchloric acid (70%)	0.55
	Acetone	7.19
	5%Pt/C	0.18
	Activated carbon	0.15
	Celite	0.06
	Hydrogen	0.05
	Formic acid	0.29
	Formaldehyde	0.31
	Ethanol	11.90
18	**SEVELAMER HYDROCHLORIDE**	
	Allylamine	1.10
	Amidino compound	0.04
	Conc.HCl	2.53
	Methanol	21.05
	Sodium Hydroxide	0.43
	Epichlorohydrine	0.15
	Isopropyl alcohol	20.88
19	**DESVENLAFAXINE SUCCINATE MONOHYDRATE**	
	Venlafaxine hydrochloride	1.92
	Diethyl amino ethane thiol HCl	1.25
	Sodium Hydroxide	3.42
	Dimethyl sulfoxide	10.58
	Conc.HCl	6.54
	Aqueous ammonia	17.36
	Toluene	13.34
	MDC	25.50
	Activated carbon	0.25
	Celite	0.10
	Succinic acid	0.62
	Acetone	10.07
20	**PIRFENIDONE**	
	2-Hydroxy-5-methylpyridine (HMP)	1.00
	Bromobenzene	1.74

Scanned

	Potassium carbonate	1.52
	Copper iodide	0.17
	Morpholine	0.16
	Liquor ammonia	1.35
	Sodium chloride	1.25
	DMF	1.89
	Ethyl acetate	17.14
	n-Heptane	5.47
	Activated carbon	0.05
	Celite	0.04
21	**DESVENLA FAXIN BENZOATE**	
	Venlafaxine hydrochloride	1.92
	Diethyl amino ethane thiol HCl	1.25
	Sodium Hydroxide	3.42
	Dimethyl sulfoxide	10.58
	Conc.HCl	6.54
	Aqueous ammonia	17.36
	Toluene	13.34
	MDC	25.5
	Activated carbon	0.25
	Celite	0.10
	Benzoic acid	0.64
	Isopropyl alcohol	23.75
22	**ESOMEPRAZOLE MAGNESIUM DIHYDRATE**	
	Chloro Compound	6.12
	5-Methoxy-1H- benzimidazole-2-thiol	5.21
	Sodium hydroxide	3.89
	Methanol	86.49
	Hydrogen peroxide	0.97
	Amm.Molybdate tetrahydrate	0.17
	Sodium carbonate	0.20
	Acetic acid	0.86
	Triethylamine	0.15
	Dichloromethane	27.67
	S – Binol	4.33
	Toluene	60.28
	Cyclohexane	13.57
	Isopropyl alcohol	17.78
	Magnesium Sulfate heptahydrate	0.50

Scanned

	Potassium Hydroxide	0.89
	Acetone	8.14
	Ethyl acetate	7.73
23	**RITONAVIR**	
	BDH succinate salt	1.12
	Isopropyl Alcohol	9.69
	Methanol	0.89
	Nitro thiazole intermediate	0.79
	Conc. HCl	2.08
	Sodium bicarbonate	1.22
	Potassium carbonate	2.42
	Aq. Ammonia	0.53
	Sodium hydroxide	0.86
	Ethyl acetate	37.17
	1-hydroxybenzotriazole	0.31
	L-Valine intermediate	0.63
	N,N Dicyclo Hexyl carbodiimide	0.41
	Potassium dihydrogen orthophosphate	0.09
	Sodium chloride	0.18
	n-Heptane	7.46
	Activated carbon	0.05
	Celite	0.02

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ANNEXURE – III **HAZARDOUS WASTE DETAILS**

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]				
Hazardous Wastes	Category	Type of Hazardous Waste	Total Quantity (Kg.)	
			During the current Financial year 2021-22	During the current Financial year 2022-23
(a) From Process	5.1	USED OIL	0.00	5.058
	28.1	PROCESS RESIDUE & WASTE	1033.715	587.515
	28.3	SPENT CARBON	9.370	13.210
	28.2	SPENT CATALYST	4.854	0.415
	28.4	OFF SPECIFICATION PRODUCT	9.880	7.980
	28.6	SPENT SOLVENT	2207.585	1514.965
	33.1	DISCARDED CONTAINERS in Nos.	0.000	0.000
	33.1	DISCARDED LINERS	30.225	18.525
	S4	NON-RECYCLE PLASTIC WASTE/ PVC	51.115	31.490
	33.2	CONTAMINATED COTTON RAGES OR OTHER CLEANING MATERIALS	17.625	13.475
	33.1	CUTTING CARBOY – IN KG	54.495	40.970
	B15	SPENT ACID	0.000	0.000
	A10	LIQUOR AMMONIA	0.000	0.000
(b)From pollutant control facilities	35.3	ETP SLUDGE	162.660	146.520
	35.3	ATFD SOLID	251.045	191.640

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ANNEXURE – IV **SOLID WASTE DETAILS**

Solid Wastes

	Category	Type of Hazardous Waste	Total Quantity (Kg.)	
			During the current Financial year 2021-22	During the current Financial year 2022-23
(a) From Process	S1	INSULATION WASTE	18.330	8.240
(b) From pollutant control facilities	--	--	--	--
	--	--	--	--
(c) (1) Quantity recycled or re-utilized within the unit	--	--	--	--
(2) Sold	--	--	--	--
	--	--	--	--
(3) Disposal	--	--	--	--

Note:

i) Sold total 174.9975 MT Solid waste as scrap (MS, SS, Aluminum, Glass, Fiber, Wooden, PVC & Corrugated box) in FY 2022-2023.

ii) Disposed of total 8.240 MT insulation waste to TSDF.

1. Incineration: 2.565 MT
2. Landfill: 5.675 MT

iii) Disposed of total 13.475 MT CONTAMINATED COTTON RAGES OR OTHER CLEANING MATERIALS

1. Incineration: 7.04 MT
2. Pre-processing: 6.435 MT

iv) Disposed of total 31.490 MT NON-RECYCLE PLASTIC WASTE/ PVC

1. Pre-Processing: 5.155 MT
2. Landfill: 26.335 MT

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s Lupin Ltd		
Project Address:	M/s Lupin Ltd, 21		
Village:	Dabhasa	Block:	Padra
District:	Vadodara	State:	Gujarat
Pin Code:			
Communication Address:	Lupin Limited, Block No 21., Padra, Vadodara, Gujarat - 391440		
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022		

1.	**NOC No.:**	CGWA/NOC/IND/REN/2/2022/7163			
2.	Application No.:	21-4/127/GJ/IND/2007	3.	Category: (GWRE 2020)	Over Exploited
4.	Project Status:	Existing Ground Water	5.	NOC Type:	Renewal
6.	**Valid from:**	06/07/2021	7.	**Valid up to:**	05/07/2023
8.	Ground Water Abstraction Permitted:				

Fresh Water		Saline Water		Dewatering		Total	
m³/day	m³/year	m³/day	m³/year	m³/day	m³/year	m³/day	m³/year
711.00	259515.00						

9. Details of ground water abstraction /Dewatering structures

	Total Existing No.:2						Total Proposed No.:0					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	2	0	0	0	0	0	0	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

10.	Ground Water Abstraction/Restoration Charges paid (Rs.):	1972575.00

11.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism		
			Manual	DWLR**	DWLR With Telemetry
	**DWLR - Digital Water Level Recorder	2	0	1	1

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

GENERAL GROUND WATER AUTHORITY

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.

29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY