LUPIN LIMITED

T-142,M.I.D.C. Tarapur via. - Boisar Taluka & Dist. Palghar, Maharashtra - 401 506 Tel: +91-2525-243300,243600



LUPL/ENV/MPCB/2024-0008

Date: 08th November 2024

To
The Additional Director(s)
Ministry of Environment & Forests,
Regional Office, Western Region,
Kendriya Paryavaran Bhavan,
Link Road No. 3,
Bhopal-462016
Madhya Pradesh

Sub.: Submission of half – yearly EC compliance for the period April-2024 to September-2024.

Ref.: Environmental Clearance EC (Lupin)-2009/153/CR.167/TC.1 dated 16/11/2010

Dear Sir,

With reference to the above cited subject, please find the enclosed here with half yearly EC compliance report for the period of April-2024 to September-2024 for Lupin Limited, Tarapur site.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

For Lupin Limited

Authorized Signatory

CC:- SRO -I Tarapur

7/11/24

SUB-REGIONAL OFFICE
MAHARASHTRA POLUTION CONTROL BOARD
TARAPUR, Man Judiony, Boisar,
TALUKA & DIST. PALGHAR, PIN 401 504.

Your (Half Yearly Compliance Report) has been Submitted with following details			
Proposal No EC(Lupin)-2009/153/CR.167/TC.1			
Compliance ID	111131034		
Compliance Number(For Tracking)	EC/M/COMPLIANCE/111131034/2024		
Reporting Year	2024		
Reporting Period	01 Dec(01 Apr - 30 Sep)		
Submission Date	14-11-2024		
RO/SRO Name	Dr Senthil Kumar Sampath		
RO/SRO Email	agmu156@ifs.nic.in		
State	MAHARASHTRA		
RO/SRO Office Address	Integrated Regional Offices, Nagpur		

Note:- SMS and E-Mail has been sent to Dr Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.

Compliance report of Env. Clearance No. EC (Lupin)-2009/153/ CR.167/TC.1, dated 16/11/2010 For the period of April 2024 to September 2024

Sr. No.	Condition	Compliance status	
i.	This clearance is subject to conditions stipulated in MoEF office memorandum J-11013/5/2010-IA-II (I) dated 26 th October 2010.	n	
ii.	"Consent for Establishment" shall be obtained from Maharashtra Pollution Control department before start of any construction work at the site.	Obtained consent to Establish vide no. BO/RO-Thane/RO (P & P)/EIC/ TN/1866-09/E/CC-366, dated 05/10/2009 Consent to Operate including product mix is obtained vide no Format1.0/CAC//UAN No.MPCB-CONSENT-0000178467/CR/2404001599 date - 23/04/2023 valid up to 30/04/2029. Refer attached Annexure- I	
iii.	No land development/construction work preliminary or otherwise relating to the project shall be taken up without ohtaining due clearance from respective authorities.	Noted and followed	
iv.	No additional land shall be used/acquired for any activity of the project without obtaining proper permission.	Noted	
v.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Noted and followed wherever required.	
vi.	Regular monitoring of the air quality, including SPM & SO2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	Air quality monitoring is carried out by MoEF & CC approved party every month. The report of the same is submitted to the MPCB. Copy of monitoring reports from April-2024 to September-2024 are attached as Annexure-II	



vii.	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Our is API industry, therefore Rain is not preferred. However, we rainwater harvesting & check dam site location details as below	have provided around Tarapur	
	water.	Location	Total Capacity	
		Dhanivari, Dahanu, Dist- Palghar (16nos.Farm Ponds)	13323 m3	
		Nikane Dahanu, Dist- Palghar (03 nos. Fam Ponds)	2244 m3	
		Ranshet, Dahanu, Dist- Palghar (03 nos. Fam Ponds)	1092 m3	
		Sonale, Dahanu, Dist- Palghar (01 nos. Check Dam)	4435.2 m3	
0		Jamshet, Dahanu, Dist- Palghar (01 nos. Check Dam)	1055.6 m3	
		Alewadi, Palghar, Dist- Palghar (01 nos. Check Dam)	675 m3	
Viii	Arrangement shall be made that wastewater and storm water do not get mixed.			
ix.	Periodic monitoring of ground water shall be undertaken, and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	groundwater is used inside the premises.		
0	Leg of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	regularly. Copy of the noise monitoring reports are attached as Annexure-III		
xi.	The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all sources of noise generations. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Acoustic enclosure has been provided for noise control wherever required. Ambient Noise levels are monitored every month. High noise source like DG set have been provided with acoustic enclosure. All the measures have been taken to control noise, wherever required. Ambient noise level		

T-162 MIDC AREA

		September-2024 are attached as Annexure-III
xii.	Green belt shall be developed & maintained around the plant periphery. Green Belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Dept.	
xiii.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Necessary safety systems including Gas detection systems are in place.
Xiv	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per factories Act.	Periodical health checkup is carried out and records are maintained.
Xv	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Fire protection systems are in place and followed
Xvi	The project authorities must strictly comply with the rules & regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	Complied.



Xvii	The company shall undertake following Waste Minimization Measures: • Metering of quantities of active ingredients to minimize waste. • Reuse of by-products from the process as raw materials or as raw material substitutes in other process. • Maximizing Recoveries. • Use of automated material transfer system to minimize spillage. • Use of "Closed Feed" system into batch reactors.	followed. Handling of the active ingredient material metering system has been provided. Solvent recovery is in placed & the recover solvent is used. Closed handling system provided for chemicals. Incinerable Hazardous waste is sending preprocessing.
Xviii	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/improvements required, if any, in the on-site management plan shall be ensured.	On site Emergency plan is in place and updated. Regular mock drills are being conducted. Last mock drill was conducted on 16/07/2024.
Xix	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Dedicated Environmental management department exists with qualified and trained staff.
Xx	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	Noted.
xxi	Separate silos will be provided for collecting and storing bottom ash and fly ash.	Noted.
Ú	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	Noted and being followed



xxiii	The project management shall advertise	Complied.
	at least in two local newspapers widely	
	circulated in the region around the	
	project, one of which shall be in the	
	Marathi language of the local concerned	1
	within seven days of issue of this letter,	
	informing that the project has been	
	accorded environmental clearance and	
	copies of clearance letter are available	
	with the Maharashtra Pollution Control	
	Board and may also be seen at Website at	
	http://envis.maharashtra.gov.in	
xxiv	Project Management should submit half	
	yearly compliances reports in respect of	compliance report for the October-2023 to
	the stipulated prier environment	March-2024 was submitted on 07/06/2024.
	clearance terms and conditions in hard &	
	soft copies to MPCB & this department,	
	on 1st June & 1st December of each	
	calendar year.	,
XXV	A copy of clearance letter shall be sent	Noted. The clearance letter is available on
	by proponent to the concerned Municipal	website of the company.
	Corporation and the local NGO, if any,	
	from whom suggestions/representations,	
	if any, were received while processing	
	the proposal. The clearance letter shall	
	also be put on the website of the	
	Company by the proponent.	
XXVI	The proponent shall upload the status of	
	compliance of the stipulated EC	& CC and MPCB. The status of EC condition is
	conditions, including results of	available on the company web site. The same is
	monitored data on their website and shall	updated periodically.
	update the same periodically. It shall	
	simultaneously be sent to the Regional	
	Office of MoEF, the respective Zonal	
	Office of CPCB and the SPCB. The	
	criteria pollutant levels namely, SPM,	
	RSPM, SO ₂ , NO _x (ambient levels as well	
	as stack emissions) or critical sectorial	
	parameters, indicated near the main gate	
xxvii	of the company in the public domain.	N 1
XXVII	The project proponent shall also submit	
	six monthly reports on the status of	
	compliance of the stipulated EC	March,-2024 was submitted on 07/06/2024.
	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 SPCB.	
-	Crob and the SPCB.	



xxviii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	2023-24 was submitted on 19/09/2024.
xxix	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Honorable court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case filed against him.	Noted



ANNEXURE-I (Copy of Consent to Operate)



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd, 3rd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

Date: 23/04/2024

RED/L.S.I (R58)

No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000178467/CR/2404001599

To, Lupin Limited, Survey No. 30/10 to 30/13 & 64/7, Plot No. T-142, MIDC Tarapur, Tal. & Dist. - Palghar.



Sub:

Grant of renewal of consent with amendment in consent to operate under change in product mix with 1st Consent to Operate, under Red/LSI

Ref:

- 1. Consent to operate granted under vide No:- Format1.0/CAC/UAN No.0000156973/CR/2306001502 dated 21.06.2023
- Consent to establish granted under vide No. Format 1.0/CAC/UAN No. 0000140753/CE/2211000557 dated 08.11.2022
- 3. Environmental Clearance granted vide No. EC(Lupin)-2009/153/CR.167/TC.1 dated 16.11.2010 and amended on 04.01.2011
- 4. Minutes of 4th Technical Appraisal Committee meeting (2023-2024) dated 28.11.2023
- 5. Minutes of 21st CAC meeting held on 07.02.2024.

Your application No.MPCB-CONSENT-0000178467 Dated 07.08.2023

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- 1. The consent to renewal is granted for a period up to 30/04/2029
- The capital investment of the project is Rs.1076.65 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 1009.94 Crs + Increase in C.I. - Rs. 66.71 Crs.)
- 3. Consent is valid for the manufacture of:

Sr No	Product	Existing Quantity	Proposed Quantity	Total	иом
Prod	ducts				
1	Rifa S,Rifa O & Rifampicin	404	-6.5	397.5	MT/A
2	Rifaximin	20	0	20	MT/A
3	Lovastatin	10	0	10	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	uon
4	Simvastatin	30	15	45	MT/A
5	Sertraline	72	0	72	MT/A
6	Losartan potassium	65	-25	40	MT/A
7	Valsartan	20	-19	1	MT/A
8	Duloxetine	25	0	25	MT/A
9	Irbesartan	0.5	0	0.5	MT/A
10	Quetiapine Fumerate	80	-20	60	MT/A
11	Pyrazinamide	172	0	172	MT/A
12	Levetiracetam	464	0	464	MT/A
13	Abacavir (Hydrochloride/ Sulphate)	12	-4	8	MT/A
14	Amlodipine Besilate	25	-2.5	22.5	MT/A
15	Escitalopram Oxalate	0.5	0	0.5	MT/A
16	Cysteamine Bitartrate	20	0	20	MT/A
17	Tolterodine Tartarate	0.03	0	0.03	MT/A
18	Celecoxib	18	0	18	MT/A
19	Ethambutol	18	0	18	MT/A
20	Fenofibrate/Choline Fenofibrate	20	0	20	MT/A
21	Rifabutin	1	0	1	MT/A
22	Zolpidem Tartarate	0.8	0.7	1.5	MT/A
23	Imipramine pamoate/Imipramine Hcl	0.5	0	0.5	MT/A
24	Lansoprazole	2.5	0	2.5	MT/A
25	Rabeprazole	1	0	1	MT/A
26	Risperidone	1	0	1	MT/A
27	Azythromycin	2	0	2	MT/A
28	Gatifloxacin	0.02	0	0.02	MT/A
29	Ziprasidone	2	0	2	MT/A
30	Desloratadine	1	0	1	MT/A
31	Memantine	1.5	0	1.5	MT/A
32	Eszopiclone	0.1	0	0.1	MT/A
33	Tenofovir	6	0	6	MT/A
34	Emticitabine	6.5	0	6.5	MT/A
35	Ezetimibe	12	0	12	MT/A
36	R & D batches	13	0	13	MT/A
37	Ranolazine	20	-15	5	MT/A
38	Armodafinil	0.8	0	0.8	MT/A
39	Capreomycin Sulfate	1	0	1	MT/A
40	Calcium L-5- Methyltetrahydrofolate	0.1	0	0.1	MT/A
41	Rifapentine	42	0	42	MT/A
42	Oseltamivir	3	0	3	MT/A
43	Sodium Rifamycin SV	4.5	0	4.5	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	иом
44	Dalbavancin Intermediate (A-40926)	0.2	0	0.2	MT/A
45	Demeclocycline (DMCTC)	0.5	0	0.5	MT/A
46	Tacrolimus	0.1	0	0.1	MT/A
47	Tolvaptan	0	0.075	0.075	MT/A

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	1009.6	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	95	As per Schedule-I	Recycle 100% to achieve ZLD

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S1	Boilers (2 Nos)12 TPH & 10 TPH	1	As per Schedule -II
2	S2	Boilers (2 Nos) 12 TPH & 12 TPH-Standby	1	As per Schedule -II
3	S3	Boiler 10 TPH	1	As per Schedule -II
4	S4 to S12	DG Sets (2* 2.5MW, 3*1.6MW & 4*1.2MW)	1	As per Schedule -II
5	S13 & 14	Power Generator -2*2.5MW	1	As per Schedule -II
6	S15 to S38	Process vent (24 Nos)	24	As per Schedule -II
7	S39 to S41	Process vent (3 Nos)	3	As per Schedule -II
8	S42	Boiler (08 TPH-02 Nos)	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal	
1	Canteen Waste	500	Kg/Day	NA	Piggeries / in house or External Composting	
2	Mycella Waste	18.1	MT/Day	Composting	Sale to authorized Party	
3	Bio sludge (ETP)	5.82	MT/Day	Composting	Used as manure or Sale to authorized party or CHWTSDF/ Co-Processor through MPCB/CPCB authorized Pre- processor /Co-processor	

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
4	Glass Bottles	1	MT/Day	NA	Sale to authorized Party
5	Brequette Ash	9.5	MT/Day	NA	Sale to Brick Manufacturer/ Landfill/ Use as Manure

 Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	28.2 Spent catalyst	20.13	MT/A	Incineration/Recycle/Pre- processing/Co-processing	Sale to authorized party /Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF/ Back to Manufacture for recycle
2	36.1 Any process or distillation residue	932.91	MT/A	Incineration/Pre- processing/Co-processing	Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
3	28.3 Spent carbon	225.57	MT/A	incineration/Pre- processing/Co-processing	Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
4	37.3 Concentration or evaporation residues	4140	MT/A	Landfill	CHWTSDF (On dry basis)
5	28.1 Process Residue and wastes	2205.2	MT/A	Landfill / Incineration/ Pre- processing/Co-processing	Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
6	34.1 Chemical-containing residue arising from decontamination.	180	MT/A	Incineration/ Pre- processing/Co-processing	Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
7	28.5 Date-expired products	720	MT/A	Incineration/Pre- processing/Co-processing	Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
8	28.4 Off specification products	720	MT/A	Incineration/Pre- processing/Co-processing	Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
9	5.2 Wastes or residues containing oil	7.2	MT/A	Incineration / Recycle	Sale to authorized party / CHWTSDF/ re-processor
10	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	4320	MT/A	Incineration / Recycle/ Pre- processing/Co-processing	(PPE/ Cartridge Filter/ Liners bag) sale to authorized party after decontamination/ Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
11	5.1 Used or spent oil	10.8	MT/A	Incineration / Recycle	Sale to authorized party / CHWTSDF/ re-processors
12	28.6 Spent organic solvents	85901.32	MT/A	Incineration / Recycle/Pre- processing/Co-processing	Sale to Authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
13	28.6 Spent organic solvents	116.32	MT/A	Incineration/Recycle (spent Mother Liquor onsite recovery & Reuse)/Pre=processing/Co- processing	(Recovered IPA) Sale to Authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
14	28.1 Process Residue and wastes	4.44	MT/A	Incineration / Recycle/Pre- processing/Co-processing	(2 Amino 4 Methyl Pyridine) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
15	28.1 Process Residue and wastes	6,63	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(D2 Amino 1- Butanol(D2AB)) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
16	28.1 Process Residue and wastes	1.34	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(Tributyl tin chloride) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
17	28.1 Process Residue and wastes	33.39	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(Immidazole hydrochloride) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
18	28.1 Process Residue and wastes	87.60	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(Tri Ethyl Amine) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/CHWTSDF
19	28.1 Process Residue and wastes	91.67	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(R-R mandelate salt) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
20	28.1 Process Residue and wastes	77.78	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(Piperazine di acetate) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
21	28.1 Process Residue and wastes	1.68	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(Di iso Propyl Ethyl Amine) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
22	28.1 Process Residue and wastes	230.98	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(Trans Sertraline) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
23	28.1 Process Residue and wastes	41.90	MT/A	Incineration / Recycle/Pre-processing/Co- processing	(Di methyl butanoic Acid) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
24	28.1 Process Residue and wastes	38.01	MT/A	Incineration / ভুমুখিন ফ্রিভ-processing/Co- processing	(Mandelic Acid) Sale to authorized party or Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF
25	Insulation waste, Disposal PPE, Apron & Shoe Cover	365	MT/A	Incineration / Recycle/Pre-processing/Co- processing	Coprocessor through MPCB/CPCB Authorized Preprocessor/ CHWTSDF

Hazardous waste Sr. No. 13 to Sr. No. 24 in the hazardous waste table are on active basis and are recovered from stream generated from manufacturing process, Sale to authorized party having permission under Rule 9 of H&OW Rule 2016.

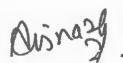
8. Conditions under Plastic Waste Management Rules, 2016 (Notification dtd. 18/03/2016):

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Discarded PPE, PVC, Apron, shoe cover	1.00	MT/Day	Sale to authorized Party

- Guideline for Pre-processing and Co-processing of Hazardous and Other Wastes in Cement Plant as per H&OW (M & TM) Rules, 2016 prepared by Central Pollution Control Board shall be strictly followed.
- 10. Industry shall strictly follow the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

- 11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 12. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 13. This consent is issued overriding effect to earlier consent to operate granted No:-Format1.0/CAC/UAN No.0000156973/CR/2306001502 dated 21/06/2023.
- 14. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. EC(Lupin)-2009/ 153/CR.167/TC.1 dated 16.11.2010 and amended on 04.01.2011 and ensure display/upload of six monthly compliance monitoring report on their official website.
- 15. Industry should not manufacture any other product for which permission is not granted by the Board
- 16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- 17. The consent issued as per decision in Minutes of 4th Technical Appraisal Committee meeting (2023-2024) dated 28.11.2023 & Minutes of 21st CAC meeting dated 07.02.2024.





20c6cb37 2768c3a7 a14202bd ce65082f 49063989 d5bd5117 3f693b59 ede88b67

Signed by: Dr.Avinash Dh. Ane Member Secretary For and on behalf of Maharamera Politicion Control Board ms@mpcbas 2024-04-23

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR No.	Date	Transaction Type
1	10766500.00	MPCB-DR-21003	14/09/2023	RTGS
2	100000.00	MPCB-DR-22002	12/10/2023	NEFT

Copy to:

- 1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Tarapur I
- They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Sion, Mumbai
- 3. CC-CAC updating.

SCHEDULE-I Terms & conditions for compliance of Water Pollution Control:

- 1. A] As per your application, you have provided full-fledged Effluent Treatment Plant (ETP) of capacity 1200 CMD followed by Reverse Osmosis having capacity 1307 CMD and MEE of 360 CMD capacity followed by ATFD 35 CMD capacity for the treatment 1104.6 CMD effluent (Industrial effluent-1009.6 CMD + Domestic effluent-95 CMD). Treated effluent is 100% recycled into the process, cooling tower & for utility purposes so as to achieve Zero Liquid Discharge (ZLD).
 - B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
 - C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- 2. A] As per your application, the domestic effluent is mixed with trade effluent before secondary treatment for further treatment in Effluent Treatment Plant.
 - B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1B of schedule I.
- 3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)	
1.	Industrial Cooling, spraying in mine pits or boiler feed	1100.00	
2.	Domestic purpose	120.00	
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	877.50	
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00	
5.	Gardening	150	

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II Terms & conditions for compliance of Air Pollution Control:

 As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/pro posed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
	Boilers (2			*Natural Gas 1679 SCM/Hr		TPM	50 Mg/Nm³
S1	Nos) 10 TPH & 12	Stack	57.00		1	NOx	50 Mg/Nm³
	TPH			*LSHS 895 Kg/Hr	1	502	429.6 Kg/Day
62	Boilers (2 Nos) 12	Charle	21.00	*Natural Gas		ТРМ	50 Mg/Nm³
S2	TPH each- Standby	Stack	31.00	1832 SCM/Hr	-	NOx	50 Mg/Nm³
				*Natural Gas		ТРМ	50 Mg/Nm³
S 3	Boiler-10 TPH	Stack	45.00	763 SCM/Hr		NOx	50 Mg/Nm³
				*LSHS 407 Kg/Hr	1	502	195.36 Kg/Day
S4 to	DG Sets (2* 2.5MW,	(2* 2.5MW, *1.6MW Stack &	30.00	HSD 157 MT/M	1	ТРМ	50 Mg/Nm³
S12	3*1.6MW & 4*1.2MW)		30.00	HSO 137 MI/M	1	S02	105 Kg/Day
S13 &	Power Generator	Charle	48.00	HSD 414 MT/M	1	TPM	50 Mg/Nm³
514	- 2*2.5 MW	Stack	46.00	1130 414 1417		502	276 Kg/Day
						Acid Mist	35 Mg/Nm³
S15-	Process	Process (ents (24 Scrubber Nos)	F 00			HCI	· 35 Mg/Nm³
538			5.00	-		SO2 (process)	50 PPM
						Ammonia	50 Mg/Nm³
						Acid Mist	35 Mg/Nm³
S39 -	Process	ents (3 Scrubber	F 00			HCI	35 Mg/Nm³
S41	Vents (3 Nos)		5.00	-		SO2 (process)	50 PPM
						Ammonia	50 Mg/Nm³

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S42	Boilers (2 Nos) 8 TPH & 8 TPH	ESP	35.00	Briquette 1903 MT/M	0.06	ТРМ	50 Mg/Nm³

^{*} Overall total fuel consumption of LSHS quantity shall not exceeds 937 MT/M Or Natural Gas quantity shall not exceed 4274 SCM/Hr

- 2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
- 3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards (unit)				
Total Particulate Matter	Not to exceed	50 mg/ Nm3			

- 4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III Details of Bank Guarantees:

Sr. No	C2O Imposed		Submission Period	Purpose of BG	Compliance Period	Validity Date	
1	C2R	25 Lakh	Existing	Towards O & M of Pollution Control Systems and towards compliance of consent conditions	30.04.2029	31.10.2029	
2	C2R	5 Lakh	Existing	Towards achieving ZLD	30.04.2029	31.10.2029	

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Reason of BG Forfeiture
			NA		

BG Return details

Srno. Consent (C2E/C2O/C2R) BG	imposed Purpose of BG	Amount of BG Returned
	NA	

SCHEDULE-IV General Conditions:

- The waste generator shall.-
 - a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Plastic Waste Management Rules, 2016 or as amended from time to time.
 - b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;
- All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.
- All waste generators shall pay such user fee or charge as may be specified in the byelaws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;
- 4. Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.
- 5. The Energy source for lighting purpose shall preferably be LED based
- The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
- 7. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 8. The applicant shall maintain good housekeeping.

- 9. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 10. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
- 12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- 13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 14. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
- 15. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 16. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 17. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 18. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
- 19. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 20. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 21. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 23. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.

- 24. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 26. The industry should not cause any nuisance in surrounding area.
- 27. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 28. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
- 29. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 30. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
- 31. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 32. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 33. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
- 34. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
- 35. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 36. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

- 37. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 38. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 39. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 40. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
- 41. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016, Bio Medical Waste Management Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year
- 42. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016, Bio Medical Waste Management Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.

ANNEXURE-2 (Analysis Report of Air Quality)





Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2025 **Laboratory:** P-1, MIDC Mohopada, Rasayani, Dist. Ralgad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report
(Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24	/04/81		(A	шо	ient Air j		1	ssue	Dat	e: 30/04/2024	
	Customer &	:	M/s. Lup 401506	Mahar	asht	ra			DC Industrial	Area,	Dis	trict Palghar, Tarapur	
			Mr. Arvi	nd Pa	war	- 9	82382924	5 Em	ail: <u>arvindpa</u>	war@	lup	in.com	
Name of	Site	:	Lupin T										
Disciplin	e & Group	:	Chemica	ıl: Atm	osp	her	ic Pollutio	n					
Descript	ion of Sample	:	Ambien	t Air							:		
Location	of Sampling	:	Near DG	Area									
Date of S	ampling	:	15/04/2	2024-	16/	04/2	2024						
Samplin	g Time	:	09:00 to	09:00) hr		I	Duration			:	24 Hr.	
Sample I	Drawn By	:	Goldfing	h			1	rans	ported By			Goldfinch	
Date of S	ample Receipt	:	20/04/2	2024			S	ampl	e Identifica	tion	:	GFL/AA/24/04-84	
	Quantity &	:	SO2:1 Bo	ottle; l	NO ₂ :	1 B	ottle; PM ₁	1-1; PN	M _{2.5} -1; O ₃ : 1 I	Bottle	& N	H ₃ :1 Bottle;	
Containe	er		Bladder	:1: Ch	arco	al T	ube:1						
Pate of S	ample Analysis	:	20/04/2	2024 t	0 29	9/04	4/2024						
	g Environmental			: Ter			e:28-3	::28-37°C; Rain fall: 1			: 754 mmHg.		
	rtation Conditio				: Bottles <		ttles <	Filte	Filter papers in		Bladder, charcoal tube at ambient temp.		
						5°0						•	
Samplin	g Equipment				:	-			VS/02, GOLDI				
Calibrati	ion Status				:				'09/2023 du '06/2023 du				
Project/	lob number				:				280632 date				
	ce of Sampling				:		/LA/01 B						
	of Sampling & Pr	ese	rvation		1)/LA/13						
	mental Condition			ng	1:			npera	ture: 27°C a	nd Hu	mid	ity: 40%	
Sr. No.	Parameter				esu		Limit		Unit			of Analysis	
1.	Sulphur dioxide	as S	5 O ₂		4.5		80		μg/m³			(Part 2) RA2017	
2.	Nitrogen dioxide				2.3	_	80		μg/m³			(Part 6) RA2022	
3.	PM ₁₀				2.2		100		μg/m³			(Part 23) RA2022	
4.	PM _{2.5}				3.8		60		μg/m³			(Part 24) 2019	
5.	Carbon monoxio	le a	s CO		<1.0		04		mg/m³			(part 11) RA2019	
6.	Ozone as O ₃				5.3		180	**	μg/m³			(part 9) RA2019	
7.	Ammonia as NH	3			07.4		400	*	μg/m³			(part 25) RA 2018	
8.	Benzo(a)pyrene		BaP	<	< 0.5	5	01*	**	ng/m³			(part 12) 2004	
9.	Lead as Pb				< 0.5	5	1.0	*	μg/m ³	APH	AA	ir method 822-3rdEd	
11.				8.9		20 *	**	ng/m³	APH	AA	ir method 822-3rdEd		
11.					< 5.0		06*	**	ng/m³	APH	A A	ir method 302-3rdEd	
12.	Benzene as C ₆ H ₆				<0.8		05*	**	μg/m ³	IS 51	182	(part 11) RA2022	

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values. Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only.





Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report (Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24										e: 30/04/2024	
Name of Contact 1	Customer & Details	:	M/s. Lup 401506 N				pur, T-1	42, MID	OC Industrial A	Area, D	istr	ict Palghar, Tarapur	
002000			Mr. Arvi	nd Pay	war	- 982	238292	45 Em	ail: arvindpa	war@	lup	in.com	
Name of	Site	:	Lupin Ta										
	e & Group	1	Chemica			herio	Polluti	on					
	ion of Sample	:	Ambient		000								
	of Sampling	1:	Near ET		ŧ								
	ampling	1	11/04/2)4/20)24						
Sampling		1	12:15 to					Durati	on		:	24 Hr.	
	Drawn By	:	Goldfine						ported By			Goldfinch	
	ample Receipt	;								tion		GFL/AA/24/04-83	
	Quantity &	1			02:	1 Bot						IH₃:1 Bottle;	
Containe		1	Bladder					,	-2.5, 5			,	
	ample Analysis	1:											
	Environmental			0210	:			re:29-3	9°C: Rain fal	l: No:	: No; P _{bar} : 756 mmHg.		
30.00	ransportation Condition						les <		r papers in			er, charcoal tube at	
панэро	Turion condition			:	5°C	162 <		tic container			nt temp.		
Samplin	g Equipment				2							I/INST-ADS/44	
Calibrat	ion Status				:				'09/2023 du '06/2023 du				
Droioct /	lob number	_				: SO Number: 3100280632 dated 19.07.2023							
	ce of Sampling	_							03.2024	u I J.O	77.2	023	
	of Sampling & Pro	000	rwation	_	:		LA/13	3 50,0	33.2021				
	mental Condition			ıa	:			mnera	ture: 27°C a	nd Hu	mic	lity: 40%	
Sr. No.	Parameter	T AA T	ALIC I COLL		esu		Lim		Unit			of Analysis	
1.	Sulphur dioxide	25 5	502		2.6		80		μg/m ³			(Part 2) RA2017	
2.	Nitrogen dioxide				1.1		80		μg/m ³			(Part 6) RA2022	
3.	PM ₁₀	o uo	1107		1.30		10		µg/m³			(Part 23) RA2022	
4.	PM _{2.5}				3.3		60		μg/m³			(Part 24) 2019	
5.	Carbon monoxid	le a	s CO		1.0			**	mg/m³			(part 11) RA2019	
6.	Ozone as O ₃				3.6) **	μg/m ³			(part 9) RA2019	
7.	Ammonia as NH ₃				4.0			0 *	µg/m³			(part 25) RA 2018	
18.					0.5		01	***	ng/m³			(part 12) 2004	
9.	Lead as Pb				0.5		1.0		μg/m ³			ir method 822-3rdEd	
11.					9.3			***	ng/m³			ir method 822-3rdEd	
11.					5.0			***	ng/m³			ir method 302-3rdEd	
12.	Benzene as C ₆ H ₆							***	μg/m³			(part 11) RA2022	

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values. **Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. **Note:**

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.

sequery related to this report will be entertained within 15 days of the report issue date only.

Reshma S Patil

(Authorized Signatory)



Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report (Ambient Air)

	Customer &	:					apur, T-1	42, MI	DC Industria	l Area,	Dis	trict Palghar, Tarapur
Contact	Details		401506 N				222222	ול די	-11 1		1.	1
		-			_	- 982	2382924	15 Em	ail: arvindp	awar(a	lup	in.com
Name of		:	Lupin Ta					_				
	ne & Group	:	Chemica		ost	heric	: Pollutio	on				
	tion of Sample	:	Ambient									
	of Sampling	1:	Near Ma									
	Sampling	:	10/04/2								_	
Samplin		1:	11:30 to		hr			Durati			:	24 Hr.
	Drawn By	:	Goldfinc						ported By			Goldfinch
Date of S	Sample Receipt	:	20/04/2	024			S	ampl	e Identifica	ition	:	GFL/AA/24/04-82
Sample Contain	Quantity &	:	SO ₂ :1 Bo Bladder:					0-1; PI	$M_{2,5}$ -1; O_3 : 1	Bottle	& N	IH₃:1 Bottle;
	Sample Analysis	:	20/04/2									
Samplin	g Environmental	Cor	nditions		:	Tem	peratur	e:29-3	37°C; Rain fa	ill: No;	Pha	: 754 mmHg.
Transpo	rtation Condition	n			: Bottl		les <	Filte	r papers in	Bla	dde	er, charcoal tube at
						5°C		plas	tic containe	r am	bie	nt temp.
Samplin	g Equipment				:				VS/02, GOLD		_	
Calibrat	ion Status				:				/09/2023 dı /06/2023 dı		•	•
Project/	lob number				:	SO Number: 3100280632 dated 19.07.2023						023
	ce of Sampling				:		LA/01 B					
	of Sampling & Pr	ese	rvation		:		LA/13					
	mental Condition			19	:			npera	ture: 27°C a	nd Hu	mid	lity: 40%
Sr. No.	Parameter				su		Limit		Unit			of Analysis
1.	Sulphur dioxide	as S	5O ₂		5.5		80	*	μg/m ³			(Part 2) RA2017
2.	Nitrogen dioxide	e as	NO ₂	39	9.4	3	80	*	μg/m³			(Part 6) RA2022
3.	PM ₁₀			69	9,9	6	100	*	μg/m ³	IS 51	82	(Part 23) RA2022
4.	PM _{2.5}				7.4	7	60	*	μg/m³	IS 51	82	(Part 24) 2019
5.	Carbon monoxide as CO				1.0		04	**	mg/m ³			(part 11) RA2019
6.					2.64	4	180	**	μg/m ³	IS 51	82	(part 9) RA2019
7.					1.6	0	400		μg/m ³	IS 51	.82	(part 25) RA 2018
8.	Benzo(a)pyrene as BaP			<	0.5	5	01*	**	ng/m³			(part 12) 2004
9.	Lead as Pb			<	0.5	5	1.0	*	μg/m ³			ir method 822-3rdEd
11.				10	0.70	0	20 *		ng/m³	APH	AA	ir method 822-3rdEd
11.	Arsenic as As				< 5.0		06*	**	ng/m³	APH	AA	ir method 302-3rdEd
	THISCHIC GO TIS				-		1	4.4				

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values. Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

<0.8

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Any query related to this report will be entertained within 15 days of the report issue date only.

05 ***

 $\mu g/m^3$

Reshma Patil (Authorized Signatory)

Benzene as C6H6

-End of Test Report-

IS 5182 (part 11) RA2022



Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018

Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in

Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report
(Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24										e: 30/05/2024		
Name of	Customer &	:	M/s. Lup	in Lim	ited	, Tara	pur, T-1	42, MI	DC Industrial	Area,	Dis	trict Palghar, Tarapur		
Contact 1	Details		401506	Mahara	asht	ra								
			Mr. Arvi	nd Pav	war	- 982	2382924	5 Ema	ail: arvindpa	war@	lup	in.com		
Name of	Site	W H	Lupin Ta	rapur										
	e & Group	:	Chemica	l: Atm	osp	heric	Pollutio	on						
Descript	ion of Sample	:	Ambient											
Location	of Sampling	:	Near DG	Area										
Date of S	ampling	:	08/05/2	2024-0	19/0	05/20)24							
Samplin	g Time	:	14:30 to	14:30	hr.		1	Durati	on			24 Hr.		
Sample l	Drawn By	:	Goldfine	h					ported By			Goldfinch		
Date of S	Sample Receipt	1	17/05/2	2024			1 9	Sampl	e Identifica	tion	0	GFL/AA/24/05-34		
	Quantity &	:	SO2:1 Bo	ttle; N	102:	1 Bot	tle; PM ₁	1-1; PN	A2.5-1; O3: 1 I	Bottle &	& N	H ₃ :1 Bottle;		
Containe			Bladder	1: Cha	irco	al Tu	be:1							
	Sample Analysis	1:	17/05/2											
	g Environmental							ature:29-41°C; Rain fall:				l: No; Phar: 756 mmHg.		
	ransportation Condition						les <		r papers in			er, charcoal tube at		
				:	5°C	400 4		tic container						
01	- Parties - A	_					DEINCH							
Samplin	g Equipment	_			:							I/INST-ADS/78		
Calibrat	ion Status				:				09/2023 du					
				-		Cali	bration (on 13/	09/2023 du	e on 1	3/6	19/2024		
Project/	Job number				:	SO N	SO Number: 3100280632 dated 19.07.2023					023		
Referen	ce of Sampling				:	QF/	LA/01 B	-30.0	14.2024					
Method	of Sampling & Pr	ese	rvation		:	QD/	LA/13							
Environ	mental Condition	w	nile Testi	ng	:	Amb	ient Te	mpera	ture: 27°C a					
Sr. No.	Parameter			Re	esu	lt	Limi	ts#	Unit	Meth	od	of Analysis		
1.	Sulphur dioxide	as S	SO ₂	0	9.53	3	80		μg/m ³	IS 51	82	(Part 2) RA2017		
2.	Nitrogen dioxid	e as	NO ₂	2	2.74	4	80	*	μg/m ³	IS 51	82	(Part 6) RA2022		
3.	PM ₁₀			6	8.2	1	100	*	μg/m ³	IS 51	82	(Part 23) RA2022		
4.	PM _{2.5}			3	1.1	7	60	*	μg/m ³	IS 51	82	(Part 24) 2019		
5.	Carbon monoxide as CO				<1.0		04	**	mg/m³	IS 51	82	(part 11) RA2019		
6.	Ozone as O ₃				39.0	0	180		μg/m ³	IS 51	82	(part 9) RA2019		
7	Ammonia as NH ₃			20	0.3	5	400	*	_ µg/m ³	IS 51	82	(part 25) RA 2018		
1	Benzo(a)pyrene as BaP			<	0.5	5	01		ng/m³	IS 51	82	(part 12) 2004		
9.	Lead as Pb			<	0.5)	1.0		μg/m ³	APH/	AA	ir method 822-3rdEd		
11.	Nickel as Ni			7	7.33		20 *		ng/m³	APHA	A	ir method 822-3rdEd		
11.				<	5.0)	06 ³	**	ng/m³	APHA	A	ir method 302-3 rd Ed		
12.	Benzene as CaHa	Benzene as C ₆ H ₆				<0.8			цg/m³	IS 51	82	(part 11) RA2022		

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values. Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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Reshma 5 Patil

(Authorized Signatory)



Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report
(Ambient Air)

Name of	Customer &	1:	M/s. Lupir	Limit	ted	. Tarar	our, T-14	42, MII	DC Industrial	Area.	Dis	trict Palghar, Tarapur
Contact		ľ	401506 M					,		,		,
dollower.	DOMIN						382924	5 Ema	ail: arvindpa	war@	lup	in.com
Name of	Site	1	-	_								
	ne & Group	:			osn	heric	Pollutio	n				
	ion of Sample	:										
	of Sampling	1										
	ampling	:	14/05/20			5/20	24					
Samplin		:	10:10 to 1					urati	on		:	24 Hr.
	Drawn By	:					7	ransı	orted By		:	Goldfinch
	Sample Receipt	1:					S	ample	e Identifica	tion	:	GFL/AA/24/05-33
	Quantity &	1		tle; N	02:	1 Bott	le; PM ₁ :	-1; PM	42.5-1; O3: 1 I	3ottle	& N	H ₃ :1 Bottle;
Contain			Bladder:1	_	_							
	Sample Analysis	:	17/05/20									
	g Environmental				:			e:28-3	6°C; Rain fal	ll: No:	Phar	: 754 mmHg.
	rtation Condition			:	Bottl		Filter papers in				er, charcoal tube at	
•						5°C		plastic container			bie	nt temp.
C1	Parlament	-		-	:		TEINICH	/INICT	UVC /72 CC	N DEII	uci	I/INST-ADS/78
Sampun	Sampling Equipment								09/2023 du			
Calibrat	ion Status			1	:				09/2023 du 09/2023 du			
			-									
	Job number				: SO Number: 3100280632 dated 19.07.2023						023	
	ce of Sampling				:			- 30.0	14.2024			
	of Sampling & Pr				:		A/13			7.4-		
	mental Condition	w	nile Testin		:				ture: 27°C a			
Sr. No.	Parameter			Re			Limit		Unit			of Analysis
1.	Sulphur dioxide				3.5		80		μg/m³			(Part 2) RA2017
2.	Nitrogen dioxid	e as	NO ₂		3.18		80		μg/m ³			(Part 6) RA2022
3.	PM ₁₀				3.69		100		μg/m ³			(Part 23) RA2022
4.	PM _{2.5}	1	00		3.06		60		μg/m ³	-		(Part 24) 2019
5.	Carbon monoxid	de a	sco		1.0		043		mg/m³			(part 11) RA2019
6.	Ozone as O ₃		-		39.0		180		μg/m ³			(part 9) RA2019
_ 7	Ammonia as NH		D D		7,9		400		μg/m ³			(part 25) RA 2018
2.	Benzo(a)pyrene	as	Bar		0.5		01*		ng/m³			(part 12) 2004
9.	Lead as Pb	-			0.5		1.0		<u>це/m³</u>			ir method 822-3rdEc
11.	Nickel as Ni				.04		20 *		ng/m³			ir method 822-3rdEd
11.					5.0		06*		ng/m³	-		ir method 302-3rdEd
12.	Benzene as C ₆ H ₆	6		2.8 0.			05*	05 *** μg/m³ IS 5182 (part 11) RA				part III KAZUZZ_

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values. **Conformity Statement:** The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. **Note:**

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Reshma S Patil

(Authorized Signatory)



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Test Report (Ambient Air)

	AESPL/LAB/C/ A	-Z4										e: 30/05/2024	
Name of Contact l	Customer & Details	:	401506	Mahar	ash	ra		_	DC Industrial ail: arvindpa			trict Palghar, Tarapui	
Name of	Cita	:	Lupin T			- 70	2302724	2 EIII	all: al villupa	wartu	Tup	III.COM	
	e & Group	1				horie	Pollutio	n				. <u> </u>	
	ion of Sample	1	Ambien		103	mern	ronucio	11					
	of Sampling	1:	Near Ma		-0						_		
	ampling	1:				35 /26	324						
Sampling		1		7/05/2024-08/05/2024 3:40 to 13:40 hr. Duratio							:	24 Hr.	
	Drawn By	-	Goldfine) III	-			ported By				
	ample Receipt	:	17/05/		_				e Identifica	tion	:		
		:	-								_	GFL/AA/24/05-32	
Sample (Containe	Quantity &	:	SO ₂ :1 Bo Bladder					-1; Pl	$M_{2.5}$ -1; O_3 : 1	Bottle	& N	IH3:1 Bottle;	
I of S	ample Analysis	:	17/05/										
Samplin	g Environmental	Cor	ditions		: Ten		perature:29-3		9°C: Rain fa	II: No:	l: No; Phar: 756 mmHg.		
Transpo	ransportation Condition						iles <	Filter papers in plastic container			Bladder, charcoal tube at ambient temp.		
Samplin	g Equipment				:	GOL	DFINCH	/INST	-HVS/73. GC	LDFI	NCF	I/INST-ADS/78	
					:				09/2023 du				
Calibrati	ion Status								09/2023 du				
Project/	lob number				:	SO Number: 3100280632 dated 19.07.2023						023	
Reference	ce of Sampling	*			:	QF/	LA/01 B	- 30.6	04.2024				
Method	of Sampling & Pr	ese	rvation		:	QD/	LA/13						
Environ	mental Condition	wh	ile Testi	ng	:	Aml	oient Ten	npera	ture: 27°C a	nd Hu	mid	ity: 40%	
Sr. No.	Parameter			R	esu	lt_	Limit	s#	Unit	Met	hod	of Analysis	
1.	Sulphur dioxide	as S	O ₂	1	0.74	1	80 3	k	μg/m³	IS 51	82	(Part 2) RA2017	
2.	Nitrogen dioxide	e as	NO ₂	0	8.70)	80 *		μg/m³	IS 51	82	(Part 6) RA2022	
3.	PM ₁₀			6	1.7		100	*	ug/m³			(Part 23) RA2022	
4.	PM _{2.5}			3	1.3	1	60	*	μg/m³	IS 51	.82	(Part 24) 2019	
5.	Carbon monoxío	le as	s CO		<1.0		04*		mg/m³	IS 51	82	(part 11) RA2019	
_ 6	Ozone as O ₃			<3	39.0	0	180		µg/m³	IS 51	82	(part 9) RA2019	
	Ammonia as NH	3		31	12.3	0	400		ug/m ³	IS 51	82	(part 25) RA 2018	
8.	Benzo(a)pyrene	asl	BaP	<	0.5		01 **	k*	ng/m³	IS 51	82	(part 12) 2004	
9.	Lead as Pb			<	0.5		1.0		μg/m ³	APH	A Ai	ir method 822-3rdEd	
11.					9.86		20 **		ng/m³	APH	A A	ir method 822-3rdEd	
11.				<	5.0)	06**		ng/m³	APH	A A	ir method 302-3rdEd	
12.	Benzene as C ₆ H ₆			<0.8		05 **	05 *** μg/m ³		IS 5182 (part 11) RA202		(part 11) RA2022		

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Test Report (Ambient Air)

Ref. No.:	AESPL/LAB/C/	A-24	/06/15		(A	IIIDI	ent Airj		I	ssue l	Dat	te: 26/06/2024
Name of Contact	Customer & Details	:	4015061	Mahara	sh	ra			DC Industrial ail: arvindpa			trict Palghar, Tarapur in.com
Name of	Site	1:	Lupin Ta									
	e & Group	1:				her	ic Polluti	on				
	ion of Sample		Ambient		,							
	of Sampling	1:	Near DG									
	ampling	:	10/06/2		1/	06/2	2024					
Samplin		1:	10:00 to					Durati	ion		:	24 Hr.
	Drawn By	:	Goldfing					Trans	ported By		:	Goldfinch
	ample Receipt	:	15/06/2	2024				Sampl	e Identificat	tion	:	GFL/AA/24/06-30
	Quantity &	:	SO ₂ :1 Bo Bladder					1-1; Pl	$M_{2.5}$ -1; O_3 : 1 E	Bottle	& N	lH₃:1 Bottle;
Date of S	ample Analysis	1:	17/06/2	2024 to	2	5/06	5/2024					
	Environmental				:			e:28-3	35°C; Rain fal	l: No:	P _{ba}	: 752 mmHg.
Transpo	rtation Conditio	n			:	Bo 5°0	ttles <		er papers in tic container			er, charcoal tube at nt temp.
Samplin	g Equipment		-		:	GO	LDFINCE	INST	-HVS/35, GO	LDFI	NCF	I/INST-ADS/44
	ion Status				:	Calibration on 23.04.2024 due on 23.04.2025 Calibration on 30.05.2024 due on 30.05.2025				1.2025		
Project/	lob number				:	SO	Number	3100	280632 date	d 19.0	7.2	023
	ce of Sampling				:		/LA/01 E					
	of Sampling & Pr	'ese	rvation		:		/LA/13					
	mental Condition			ng	:			mpera	ture: 27°C ar	nd Hui	mic	lity: 40%
Sr. No.	Parameter				esu		Limi		Unit			of Analysis
1.	Sulphur dioxide	as S	5O ₂	1:	3.7	5	80	*	ug/m³	IS 51	82	(Part 2) RA2017
2.	Nitrogen dioxid			2.	5.1	7	80	*	μg/m³	IS 51	82	(Part 6) RA2022
3.				6:	3.9	0	100) *	μg/m³	IS 51	82	(Part 23) RA2022
4.	4. PM _{2.5}			3:	1.8	9	60		μg/m³	IS 51	82	(Part 24) 2019
5.					1.0		04		mg/m ³			(part 11) RA2019
6.					0.2		180		μg/m³			(part 9) RA2019
7.	7. Ammonia as NH ₃				4.3		400		ug/m³			(part 25) RA 2018
8.					0.5		01		ng/m³			(part 12) 2004
9.	Benzene as C ₆ H	<0.8		05	***	μg/m ³	IS 51	.82	(part 11) RA2022			

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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24	/06/15						Issue I	Dat	e: 26/06/2024
	Customer &			Limite	ed	, Tarapur, T	-142, MII	DC Industrial	Area,	Dis	trict Palghar, Tarapur
Contact	Details		401506 Ma	haras	ht	ra					
			Mr. Arvind	Paw	ar	- 9823829	245 Ema	ail: <u>arvindpa</u>	war@	lup	in.com
Name of	Site	:	Lupin Tara								
Disciplin	e & Group	:	Chemical:	Atmo	Sp	heric Pollu	tion				
	ion of Sample	:	Ambient A								
	of Sampling	:	Near DG A								
	ampling	:	10/06/20								
Samplin		:	10:00 to 1	0:00 l	nr.			Duration			24 Hr.
	Drawn By	:	Goldfinch					ported By		$\overline{}$	Goldfinch
	ample Receipt	:						e Identifica			GFL/AA/24/06-30
_	Quantity &		-			1 ₁₁ -1; PN	$M_{2.5}$ -1; O_3 : 1	Bottle	& N	IH ₃ :1 Bottle;	
Contain		Bladder:1;							_		
	ample Analysis										
	g Environmental		<u>iditions</u>		:	Temperat					: 752 mmHg.
Transpo	rtation Condition	1			:	Bottles < Filter papers in plastic container ambient temp.			er, charcoal tube at		
Samplin	g Equipment			-	:		1^				I/INST-ADS/44
	ion Status				:	Calibratio	n on 23.0	04.2024 due	on 23	.04	.2025
Project/	Job number							280632 date			
	ce of Sampling				: QF/LA/01 B - 30.05.2024						
	lethod of Sampling & Preservation					: QD/LA/13					
	nvironmental Condition while Testing							ture: 27°C a	nd Hui	nid	lity: 40%
Sr. No.	Parameter			Res	su		nits#	Unit			of Analysis
10.	Lead as Pb			<{).5		.0 *	μg/m³	APH	AA	ir method 822-3rdEd
11.	Nickel as Ni	1			.73) ***	ng/m³	APH	AA	ir method 822-3rdEd
12.	Arsenic as As) 0	6***	ng/m³	APH	AA	ir method 302-3rdEd

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Resident atil

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report
(Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24	/06/16	·	MI	iidient An)	I	Issue l	Dat	ce: 26/06/2024
	Customer &	:	M/s. Lupin 401506 Ma	haras	hti	a		DC Industrial			trict Palghar, Tarapur
Name of	Site	1:	Lupin Tara								
	e & Group	:	Chemical:		sp	heric Pollu	tion				
	ion of Sample	1	Ambient A								
	of Sampling	1:	Near ETP I								
	ampling	1:	07/06/202		3/0	6/2024					
Samplin		:	16:30 to 16				Duration			:	24 Hr.
	Drawn By	:	Goldfinch				Trans	ported By		:	Goldfinch
	ample Receipt	:	15/06/202	24			Sampl	le Identifica	tion	:	GFL/AA/24/06-29
Sample (Contain	Quantity &	:	SO ₂ :1 Bottl Bladder:1;				M ₁₀ -1; P	$M_{2.5}$ -1; O_3 : 1	Bottle	& N	IH₃:1 Bottle;
	Sample Analysis	+.	17/06/202								
	g Environmental				:			S5°C · Rain fa	II. No:	D	: 750 mmHg.
	rtation Conditio		ICICIONIS			Bottles < 5°C	Filte	er papers in tic container	Bla	dd	er, charcoal tube at nt temp.
Camplin	g Equipment	-		-	:	COLDEIN	CH/INST	-HVS/35 GO	OLDFII	NCI	I/INST-ADS/44
	ion Status				: Calibration on 23.04.2024 due on 23.04.2025 Calibration on 30.05.2024 due on 30.05.2025					1.2025	
Project/	lob number				:	SO Numb	er: 3100	280632 date	d 19.0	7.2	023
	ce of Sampling					QF/LA/0:	LB - 30.	05.2024			
	of Sampling & Pr	ese	rvation			QD/LA/1	3				
	mental Condition				:	Ambient'	Tempera	ature: 27°C a	nd Hu	mic	lity: 40%
Sr. No.	Parameter			Res	sul	t Li	nits#	Unit	Metl	nod	of Analysis
1.	Sulphur dioxide	as S	SO ₂	14.			80 *	μg/m³			(Part 2) RA2017
2.	Nitrogen dioxid	e as	NO ₂	27.			80 *	ug/m³	-		(Part 6) RA2022
3.	PM ₁₀			63.			* 00	μg/m³			(Part 23) RA2022
4.	PM _{2.5}			33.			60 *	μg/m ³			(Part 24) 2019
5.	Carbon monoxi	de a	s CO		0.1)4 **	mg/m ³	1		(part 11) RA2019
6.	Ozone as O ₃			10.			80 **	μg/m ³			(part 9) RA2019
7.				304			* 00	μg/m ³			(part 25) RA 2018
8.				<(1 ***	ng/m³			(part 12) 2004
9.	Benzene as C ₆ H ₆			< 0.8		0	5 ***	μg/m ³	IS 51	.82	(part 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

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(Authorized Signatory)

Realigna & Patil



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Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C										e: 26/06/2024
Name of Customer &	:	1 .			apur, T-1	42, MI	DC Industrial	Area,	Dis	trict Palghar, Tarapur
Contact Details		401506 M								
		Mr. Arvin	d Pawa	r - 98	2382924	45 Em	ail: <u>arvindpa</u>	war@	lup	in.com
Name of Site	:	Lupin Ta								
Discipline & Group	;	Chemical		pheric	c Pollutio	on				
Description of Sample	:									
Location of Sampling	:	Near ETP								
Date of Sampling	:									
Sampling Time	:	16:30 to		r		Durati			:	24 Hr.
Sample Drawn By	:						ported By			Goldfinch
Date of Sample Receipt	:						e Identificat			GFL/AA/24/06-29
Sample Quantity &		-			0-1; PN	$M_{2.5}$ -1; O_3 : 1 F	Bottle	& N	H ₃ :1 Bottle;	
Container		Bladder:								
Date of Sample Analysi		17/06/20								
Sampling Environment		nditions	:	Ten	nperatur					: 750 mmHg.
Transportation Condit	ion		:		ties <		r papers in	- 1		er, charcoal tube at
				5°€		plast	tic container	am	bie	nt temp.
Sampling Equipment			:	GOL	DFINCH	/INST	-HVS/35, GO	LDFI	NCF	I/INST-ADS/44
			:				04.2024 due			
Calibration Status				Cali	bration o	on 30.0	05.2024 due	on 30	.05	.2025
Project/ Job number			:	SOF	Number:	31002	280632 date	d 19 0	72	023
Reference of Sampling			:					040		
Method of Sampling &		: QD/LA/13								
Environmental Conditi				mpera	ture: 27°C ar	nd Hu	mid	itv: 40%		
			Resi		Limi		Unit			of Analysis
10. Lead as Pb			< 0.		1.0		μg/m³			ir method 822-3rdEd
11. Nickel as Ni			11.6	9	20 *	calcale	ng/m³			ir method 822-3rdEd
12. Arsenic as As			<5.	0	06*	**	ng/m³	APH	A A	ir method 302-3rdEd

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report
(Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24										e: 26/06/2024
Name of	Customer &	:	M/s. Lu	pin Lim	itec	i, Tara	apur, T-	142, MI	DC Industrial	Area,	Dis	trict Palghar, Tarapur
Contact	Details		401506					·				
			Mr. Arv	ind Pay	wai	- 98	238292	45 Em	ail: arvindpa	war@	lup	in.com
Name of	Site	:	Lupin T	arapur								
Disciplin	ne & Group	4	Chemica	al: Atm	os	herio	Pollut	ion				
Descript	ion of Sample	. 1	Ambien	t Air				ţ				
Location	of Sampling	:	Near Ma	ain Gat	e							
Date of S	ampling	:	06/06/	2024-0	17/	06/20)24					
Samplin	g Time	:	14:30 to	14:30	hr			Durat	ion		:	24 Hr.
Sample	Drawn By	1:	Goldfine	ch					ported By			Goldfinch
Date of S	ample Receipt	:	15/06/	2024				Sampl	le Identificat	ion	:	GFL/AA/24/06-28
Sample	Quantity &	:	SO2:1 B	ottle; N	102	1 Bot	tle; PM	10-1; PI	M _{2.5} -1; O ₃ : 1 B	ottle	& N	IH ₃ :1 Bottle;
Contain	er	<u>L</u> .	Bladder	:1; Cha	arco	oal Tu	be:1					
Date of S	ample Analysis	:	17/06/	2024 to	0 2	5/06/	2024					
Samplin	g Environmental	Cor	nditions		:	Tem	peratu	re:29-3	35°C; Rain fall	l: No:	Phar	: 752 mmHg.
Transpo	rtation Condition	1			:		Bottles < Filter pape					er, charcoal tube at
•						5°C			tic container	am	bie	nt temp.
Samplin	g Equipment				:	GOL	DFINC	H/INST	C-HVS/35, GO	LDFII	VCF	I/INST-ADS/44
							Calibration on 23.04.2024 due on 23.04.2025					
Calibrat	ion Status								05.2024 due			
Project/	Job number				:	SON	lumber	: 3100	280632 dated	119.0	7.2	023
	ce of Sampling				:				05.2024			
	of Sampling & Pro	ese	rvation		:		LA/13					
	mental Condition			ng	:	Aml	ient Te	empera	ture: 27°C an	d Hui	mid	lity: 40%
Sr. No.	Parameter			Re	esu			its#	Unit			of Analysis
1.	Sulphur dioxide	as S	SO ₂		1.0) *	μg/m³	IS 51	82	(Part 2) RA2017
2.	Nitrogen dioxide	as	NO ₂	2	4.1	8	80	*	µg/m³	IS 51	82	(Part 6) RA2022
3.	PM ₁₀			6	7.2	8	10	0 *	µg/m³	IS 51	82	(Part 23) RA2022
4.	PM _{2.5}			3	4.9	2	60) *	µg/m³	IS 51	82	(Part 24) 2019
5.	Carbon monoxid	le a	s CO		1.0			**	mg/m ³	IS 51	82	(part 11) RA2019
6.	6. Ozone as O ₃		1	0.1	1	180) **	μg/m³	IS 51	82	(part 9) RA2019	
7.				3	8.0	2		0 *	<u>ц</u> д/m ³	IS 51	82	(part 25) RA 2018
8	8. Benzo(a)pyrene as BaP			<	0.5	5	01	***	ng/m³	IS 51	82	(part 12) 2004
12.	Benzene as C ₆ H ₆			<	<0.8		05	***	µg/m³	IS 51	82	(part 11) RA2022

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Inna & Patil



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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A	-24	/06/17					Is	sue l	Dat	e: 26/06/2024	
Name of Customer & Contact Details	:	M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur 401506 Maharashtra Mr. Arvind Pawar – 9823829245 Email: arvindpawar@lupin.com									
Name of Site	:	Lupin Tarapur									
Discipline & Group	:	Chemical: Atmospheric Pollution									
Description of Sample	:	Ambient Air									
Location of Sampling	:	Near Main Gate									
Date of Sampling	:	06/06/2024-07/06/2024									
Sampling Time	:	14:30 to 14:30 hr.				Duration			:	24 Hr.	
Sample Drawn By	:	Goldfinch				Transported By			_	Goldfinch	
Date of Sample Receipt	:	15/06/2024			Sample Identification			:	GFL/AA/24/06-28		
Sample Quantity & Container	:	SO ₂ :1 Bottle; NO ₂ :1 Bottle; PM ₁₀ -1; PM _{2.5} -1; O ₃ : 1 Bottle & NH ₃ :1 Bottle; Bladder:1; Charcoal Tube:1									
Date of Sample Analysis	:	17/06/2024 to 25/06/2024									
Sampling Environmental	Col	nditions	1:	Ten	peratu	re:29-3	5°C; Rain fall:	No:	Phar	: 752 mmHg.	
Transportation Condition					tles <	Filter papers in plastic container Bladder, charcoal tube at ambient temp.					
Sampling Equipment				GOLDFINCH/INST-HVS/35, GOLDFINCH/INST-ADS/44							
Calibration Status				Calibration on 23.04.2024 due on 23.04.2025 Calibration on 30.05.2024 due on 30.05.2025							
Project/ Job number				: SO Number: 3100280632 dated 19.07.2023							
Reference of Sampling				OF/LA/01 B - 30.05.2024							
Method of Sampling & Preservation				: QD/LA/13							
Environmental Condition	w	ile Testing	:	Aml	bient Te	mpera	ture: 27°C and	d Hu	mid	ity: 40%	
Sr. No. Parameter			Result Li		Lim	its#	Unit	Meth	od	of Analysis	
9. Lead as Pb								APHA Air method 822-3rdEd			
								APHA Air method 822-3rdEd			
11. Arsenic as As			<5.0			5*** ng/m ³			APHA Air method 302-3rdEd		

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report (Ambient Air)

Name of	Customer &	:	07/11 M/s.Luc	in Lim	ited	Tara	apur T-	142 MI				e: 23/07/2024 trict Palghar, Tarapur
Contact l		-	401506				apar, .	1 12, 1011	DO II IGGOTIA	7 4 0 4,	210	arot i arginar, rarapar
Contacti	octaris .						238292	45 Em:	ail: arvindpa	war@	lun	in com
Name of	Site	:	Lupin Ta			70.	400272	15 (311)	an di vinape	1000	IUD	ATT COLL
	e & Group		Chemica			herio	Pollut	ion				
	ion of Sample	:	Ambient									
	of Sampling	:	Near ET		t							
Date of S		:	05/07/2	2024-0	6/	07/20)24					
Samplin	Time		13:30 to	13:30	hr			Durati	on		:	24 Hr.
Sample I	Drawn By	:	Goldfine	h				Trans	ported By		:	Goldfinch
Date of S	ample Receipt	:	15/07/2	2024				Sampl	e Identifica	tion		GFL/AA/24/07-24
Sample (Quantity &	:	SO2:1 Bo	ttle; N	02	1 Bot	tle; PM	10-1; PN	A2.5-1; O3: 1	Bottle	& N	IH₃:1 Bottle;
Containe	r		Bladder	1; Cha	ICC	al Tu	be:1					
Date of S	ample Analysis	:	15/07/2	024 to	22	2/07/	2024					
Samplin	Environmental	Con	ditions			Ten	peratu	re:27-3	1°C; Rain fa	II: No:	Phar	: 752 mmHg.
Transpo	rtation Condition			:	Bott	les <	Filte	r papers in	Bla	dde	er, charcoal tube at	
						5°C		plast	tic container	am	bie	nt temp.
Samplin	Equipment				:	GOL	DFINC	H/INST	-HVS/74 GO	OLDFII	VCF	H/INST-ADS/43
					:				09.2023 due			
Calibrati	on Status								05.2024 due			
Droioct /	lob number	-			:				280632 date			
	e of Sampling	-			:				16.2024	u 17.0	1.4	023
	of Sampling & Pro	ACAT	vation		:		LA/13	D - 23.	JO.2024		_	
	nental Condition			10	:			mnera	ture: 27°C a	nd Hm	mid	ity: 40%
Sr. No.	Parameter	94 111	IIO TOBELL		Su			its#	Unit			of Analysis
1.	Sulphur dioxide	as S	02		2.5) *	μg/m³	t-		(Part 2) RA2017
2.	Nitrogen dioxide				8.0) *	µg/m³			(Part 6) RA2022
3.	PM ₁₀				2.0			0 *	μg/m³			(Part 23) RA2022
4.	PM _{2.5}				0.0) *	μg/m³			(Part 24) 2019
5.	Carbon monoxid	e as	CO	<	1.0		04	**	mg/m ³	IS 51	82	(part 11) RA2019
6.	Ozone as O ₃			<	33.	00		0 **	μg/m ³	IS 51	82	(part 9) RA2019
7.	Ammonia as NH:	1		16	8.0	5	40	0 *	цg/m³	IS 51	82	(part 25) RA 2018
8.				<	0.5	5	01	***	ng/m³	IS 51	82	(part 12) 2004
	9. Benzene as C ₆ H ₆				0.8		05		μg/m³			(part 11) RA2022

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Reshma S Patil (Authorized Signatory)



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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AE	SPL/LAB/C/ A	-24	/07/11						ssue I)at	e: 23/07/2024
Name of Cus		:		imite	d,	Tarapur, T-	142, MI	DC Industrial	Area,	Dis	trict Palghar, Tarapur
Contact Det	ails		401506 Maha	arast	htra	1					*
			Mr. Arvind P	awa	ar –	98238292	45 Em	ail: <u>arvindpa</u>	war@	lup	in.com
Name of Site		1	Lupin Tarap								
Discipline &		:	Chemical: At		sph	eric Pollut	ion				
Description		:	Ambient Air								
Location of		:	Near ETP Pla								
Date of Sam		:	05/07/2024			7/2024					
Sampling Ti		:	13:30 to 13:	<u>30 h</u>	r.		Durati			:	24 Hr.
Sample Dra		:	Goldfinch					ported By			Goldfinch
Date of Sam		:						e Identifica			GFL/AA/24/07-24
Sample Qua	ntity &	:	SO ₂ :1 Bottle			-	10-1; Pl	$M_{2.5}$ -1; O_3 : 1 I	Bottle	& N	IH₃:1 Bottle;
Container			Bladder:1; C								
	ple Analysis		15/07/2024								
	nvironmental		nditions	1:	17	<u> remperatu</u>					: 752 mmHg.
Transporta	tion Conditio	n		:	F	Bottles <		r papers in			er, charcoal tube at
					5	5°C	plast	tic container	am	bie	nt temp.
Sampling E	uipment				(GOLDFINC	H/INST	-HVS/74, GC	LDFI	ICI	I/INST-ADS/43
								09.2023 due			
Calibration	Status				(Calibration	on 30.0	05.2024 due	on 30	.05	.2025
Project/ Joh	number	_		1.	1	SO Number	- 3100	280632 date	d 19 0	72	023
Reference o		_		:		F/LA/01			u 17.0	7 .24	025
	ampling & Pr	ese	rvation	_		D/LA/13	2710	J			
	ntal Condition		:			empera	ture: 27°C a	nd Hui	nid	ity: 40%	
	arameter			Res		- Fr.	its#	Unit			of Analysis
	ead as Pb			< 0			0 *	μg/m³			ir method 822-3rdEd
	ickel as Ni			8.0	1		***	ng/m³	APH	AA	ir method 822-3rdEd
12. A	2. Arsenic as As			<0.	.5	06	***	ng/m³	APHA	AA	ir method 302-3rdEd

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report
(Ambient Air)

Ref. No.:	AESPL/LAB/C/A	-24	/07/12		Į,n	more	цсиц			ssue l	Dat	e: 23/07/2024
	Customer &	1:		in Lin	nite	d, Ta	rapur. T	-142	MIDC Indust	rial Ar	ea,	District Palghar,
Contact			Tarapur					,			,	,
								45 Em	ail: arvindoa	war@	lun	in com
Name of	Site	:	Lupin Ta				230272	10.1111	an, an ymana	IV COL	IMD	THE COMME
	e & Group	1	Chemical			herio	Polluti	on				
	ion of Sample	1:	Ambient									
	of Sampling	1:	Near DG									
	ampling	:	08/07/2		9/	07/20)24					
Samplin		:	09:30 to					Durat	ion		:	24 Hr.
	Drawn By	:	Goldfinch					Trans	ported By		:	Goldfinch
Date of S	ample Receipt	:	15/07/2	024				Sampl	e Identifica	tion	1	GFL/AA/24/06-25
Sample (Quantity &	:	SO2:1 Bo	ttle; N	02	1 Bot	tle; PM	11-1; Pl	M _{2.5} -1; O ₃ : 1 H	Bottle	& N	IH₃:1 Bottle;
Contain			Bladder:									
Date of S	ample Analysis	4	15/07/2									
	g Environmental				:			re:28-3	35°C; Rain fal	l: No;	Phar	: 752 mmHg.
	rtation Conditio				:	Bott	les <	Filte	r papers in	Bla	dde	er, charcoal tube at
-						5°C		plas	tic container	am	bie	nt temp.
C1'	The state of the s						DEIMO	1.			ICI	I /INCT ADC //2
Sampun	<u>Equipment</u>								09.2023 due			H/INST-ADS/43
Calibrat	ion Status				:						-	
						Call	bration	on 3U.	05.2024 due	on 30	.05	.2025
Project/	Job number					SO N	lumber	: 3100	280632 date	d 19.0	7.2	023
	ce of Sampling					QF/	LA/01 I	8 - 29.0	06.2024			
	of Sampling & Pr				:		LA/13					
Environ	mental Condition	wh	ile Testin		:				ture: 27°C ar			
Sr. No.	Parameter				esu			its#	Unit			of Analysis
1	Sulphur dioxide				1.5		80		μg/m³			(Part 2) RA2017
2.	Nitrogen dioxid	e as	NO ₂		1.4		80		ug/m³			(Part 6) RA2022
3.	PM ₁₀				1.6		10		μg/m³			(Part 23) RA2022
4.	PM25				5.8		60		µg/m³			(Part 24) 2019
5.	Carbon monoxi	de a	s CO		1.0		04		mg/m ³			(part 11) RA2019
6.	Ozone as O ₃				33.) **	ug/m³			(part 9) RA2019
7.					7.8		40		цg/m³			(part 25) RA 2018
8.	Benzo(a)pyrene as BaP			_	0.5		01		ng/m³			(part 12) 2004
9.	Benzene as C ₆ H ₆			<	3.0	}	05	***	μg/m³	IS 51	82	(part 11) RA2022

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C	/ A-24									e: 23/07/2024
Name of Customer &	:	M/s. Lu	pin Lin	aite	ed, Tarapur,	T-142,	MIDC Industr	ial A	rea,	District Palghar,
Contact Details		Tarapu	r 40150	061	Maharashtr	a				-
		Mr. Arv	ind Pay	var	- 9823829	245 Em	ail: arvindpa	war@	lup	in.com
Name of Site	:									
Discipline & Group	:	Chemica	al: Atm	ost	heric Pollu	tion				
Description of Sample	:	Ambien	t Air							
Location of Sampling	:	Near DO	G Area							
Date of Sampling	:	08/07/	2024-0	9/	07/2024					
Sampling Time	:	09:30 to	09:30	hr		Durat	ion		:	24 Hr.
Sample Drawn By	:	Goldfin	ch			Trans	ported By		:	Goldfinch
Date of Sample Receip	t :						e Identificat			GFL/AA/24/06-25
Sample Quantity &	:	SO2:1 B	ottle; N	02	1 Bottle; PN	/1 ₁₁ -1; Pl	$M_{2.5}$ -1; O_3 : 1 B	ottle	& N	IH₃:1 Bottle;
Container		Bladder	r:1; Cha	rcc	oal Tube:1					
Date of Sample Analys	s :	15/07/	2024 to	22	2/07/2024					
Sampling Environmen	tal Co	nditions		:	Temperat	ure:28-3	5°C; Rain fall	l: No:	Phar	: 752 mmHg.
Transportation Condit	ion			:	Bottles <	Filte	r papers in	Bla	dde	er, charcoal tube at
					5°C	plas	tic container	am	bie	nt temp.
Sampling Equipment				:	GOLDFING	H/INST	'-HVS/74, GO	LDFI	NCF	I/INST-ADS/43
				:			09.2023 due			
Calibration Status					Calibration	n on 30.	05.2024 due	on 30	.05	.2025
Project/ Job number					SO Numbe	r. 3100	280632 dated	1197	7 2	023
Reference of Sampling				:	OF/LA/01			4 1 /.0	1.4	020
Method of Sampling &		rvation		÷			50.2021			
Environmental Condit			ng	:			ture: 27°C an	d Hu	mid	ity: 40%
Sr. No. Parameter			7	Su		nits#				of Analysis
10. Lead as Pb			$\overline{}$	0.1		.0 *				ir method 822-3rdEd
11. Nickel as Ni			-	.83) ***	ng/m³			ir method 822-3rdEd
	12. Arsenic as As			0.5		5***	ng/m³			ir method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:

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Reshma S Patil (Authorized Signatory)



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Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025

Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report (Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24	/07/13				-		I	ssue l	Dat	e: 23/07/2024
	Customer &	:	M/s. Lupin	Limit	ed	Tara	pur, T-1	42, MII	DC Industrial	Area,	Dis	trict Palghar, Tarapur
Contact	Details		401506 Mai							·		
			Mr. Arvind	Paw	ar	- 982	38292	45 Ema	ail: arvindpa	war@	lup	in.com
Name of	Site	:	Lupin Tara									
	e & Group	:	Chemical:		Sp	heric	Polluti	on				
	ion of Sample	:	Ambient A									
	of Sampling	:	Near Main	Gate								
Date of S	ampling		04/07/202	24-05	5/0	7/20	24					
Samplin	Time		13:00 to 13	3:00	hr.			Durati			2 0	
Sample l	Drawn By	:	Goldfinch					Trans	orted By			Goldfinch
Date of S	ample Receipt	:	15/07/202	24				Sample	e Identificat	ion	:	GFL/AA/24/07-23
Sample (Quantity &	1:	SO ₂ :1 Bottl	e: No)2:	1 Bott			1 _{2.5} -1; 0 ₃ : 1 B		& N	IH3:1 Bottle:
Containe			Bladder:1;				-	.0 –,	-2.5 -, -0			,
	ample Analysis	:	15/07/202					_				
	Environmental				:			·o·27-3	2°C · Rain fall	I. No:	p	: 752 mmHg.
	rtation Condition	инстопа		:	Bottl			r papers in			er, charcoal tube at	
Transpo	i cacton continuo			.	5°C	es <		ic container			nt temp.	
					_			1.				
Samplin	Equipment				:							H/INST-ADS/43
Calibrat	on Status				:				9.2023 due			
Campial	OH Status					Calib	ration	on 30.0)5.2024 due	on 30	.05	.2025
Project/	lob number					SO N	umber	31002	280632 date	d 19.0	7.2	023
	e of Sampling				:	QF/I	A/01 H	3 - 29.0	06.2024			
Method	of Sampling & Pro	ese	rvation		:	QD/I	LA/13					
Environ	mental Condition	wl	ile Testing		:	Amb			ture: 27°C an			
Sr. No.	Parameter			Re	su	lt	Limi	ts#	Unit			of Analysis
1.	Sulphur dioxide	as S	502		14		80		μg/m³			(Part 2) RA2017
2.	Nitrogen dioxide	as	NO ₂	41			80		μg/m³			(Part 6) RA2022
3.	PM ₁₀			56			10		<u>це/m³</u>			(Part 23) RA2022
4.	PM _{2.5}			23			60		μg/m³			(Part 24) 2019
5.	Carbon monoxide as CO				1.0		04		mg/m³			(part 11) RA2019
6	Ozone as O ₃			48			180		ug/m³			(part 9) RA2019
7.				209			40) *	μg/m³			(part 25) RA 2018
8.					0.5		01		ng/m³			(part 12) 2004
9.	Benzene as C ₆ H ₆				8.0		05	***	μg/m³	IS 51	82	(part 11) RA2022

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24	/07/13	Ų	AL	HOICHT AII	,	1	Issue	Dat	te: 23/07/2024
	Customer &	:		Limit	ed.	Tarapur. T-	142. MID				ict Palghar, Tarapur
Contact	Details		401506 Mal				,				,
			Mr. Arvind	Pawa	ar -	- 9823829	245 Em	ail: arvindpa	war@	lup	in.com
Name of	Site	:	Lupin Tara								
	e & Group	1	Chemical: A		SD	heric Pollut	ion				
	ion of Sample	:	Ambient Ai								
	of Sampling	:	Near Main	_							
	ampling	:	04/07/202	24-05	/0	7/2024					
Samplin		:	13:00 to 13		~		Durati	ion		:	24 Hr.
Sample l	Drawn By	:	Goldfinch				Trans	ported By		:	Goldfinch
Date of S	ample Receipt	:	15/07/202	24			Sampl	e Identifica	tion	:	GFL/AA/24/07-23
Sample (Containe	Quantity &	:	SO ₂ :1 Bottl Bladder:1;	-			1 ₁₀ -1; PN	$M_{2.5}$ -1; O_3 : 1	Bottle	& N	IH₃:1 Bottle;
	ample Analysis	:	15/07/202					_			
Samplin	g Environmental	Col	ditions	1:		Temperati	ire:27-3	2°C: Rain fa	ll: No:	Pha	: 752 mmHg.
	rtation Condition					Bottles < 5°C	Filte	r papers in tic container	Bla	adde	er, charcoal tube at nt temp.
Samplin	g Equipment				: 1	GOLDFING	H/INST	-HVS/74. GO	OLDFI	NCI	H/INST-ADS/43
								09.2023 due			
Calibrat	ion Status					Calibration	on 30.0	05.2024 due	on 30	0.05	.2025
Project/	ob number					SO Numbe	r: 31002	280632 date	ed 19.0	07.2	023
	ce of Sampling					QF/LA/01					
Method	of Sampling & Pro	ese	rvation			QD/LA/13					
Environ	mental Condition	wh	ile Testing			Ambient T	empera	ture: 27°C a	nd Hu	mic	lity: 40%
Sr. No.	Parameter			Res			nits#	Unit			of Analysis
10.	Lead as Pb			< 0).1		.0 *	µg/m³			ir method 822-3rdEd
11.	Nickel as Ni			7.6	51	20	***	ng/m³	APH	AA	ir method 822-3rdEd
			-								

12. Arsenic as As <0.5 06*** ng/m³ APHA Air method 302-3rdEd [#] Specified under National Ambient Air Quality Standards by CPCB:

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Test Report (Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24	/08/73									e: 23/08/2024
Name of Contact l	Customer & Details	:	M/s. Lui 401506				apur, T-142	2, MIC	OC Industrial	Area,	Dis	trict Palghar, Tarapur
			Mr. Arvi	nd Pav	war	- 98	23829245	5 Ema	il: arvindpav	var@	lup	in.com
Name of	Site	:	Lupin T									
	e & Group	:			osp	heri	c Pollution	1				
	ion of Sample	:	Ambien								_	
	of Sampling	:	Near Ma									
	ampling	:	05/08/2					- 15				0.4.77
Samplin		:	11:00 to		hr			uratio		_	:	24 Hr.
	Drawn By	:	Goldfing						orted By			Goldfinch
	ample Receipt	:	16/08/2						Identificat			GFL/AA/24/08-162
_	Quantity &	:	_	-	_		,	1; PM	I _{2.5} -1; O ₃ : 1 B	ottle	& N	IH₃:1 Bottle;
Containe	ample Analysis	1:	Bladder 16/08/2									
				20270				20.2	COC. Dain fall	Van	n	. 754 mm H.
	Environmental		natuons		:				r papers in			er, charcoal tube at
i ranspo	Transportation Condition								ic container			nt temp.
Samplin	g Equipment	_			:	5°C		^		LDFII	NCF	I/INST-ADS/44
					:				9.2023 due			
Calibrat	ion Status					Cali	bration or	n 30.0	5.2024 due	on 30	.05	.2025
Project/	lob number				:	SO	Number: 3	31002	80632 dated	19.0	7.2	023
Referen	ce of Sampling				:	QF/	LA/01 B -	- 30.0	7.2024			
Method	of Sampling & Pr	ese	rvation		:		/LA/13					
	mental Condition	w	nile Testi		:				ture: 27°C an			
Sr. No.	Parameter				esu		Limits					of Analysis
1.	Sulphur dioxide			7	7.07		80 *	_	. 0,			(Part 2) RA2017
2.	Nitrogen dioxid	e as	NO ₂	1	6.3	1	80 *		μg/m³	IS 51	.82	(Part 6) RA2022
3.	PM ₁₀			7	4.6	2	100 *	*	μg/m³	IS 51	82	(Part 23) RA2022
4.	PM _{2.5}			2	7.4	9	60 *					(Part 24) 2019
5.	Carbon monoxide as CO			<	<1.0)	04 **	*	mg/m³	IS 51	82	(part 11) RA2019
6.	Ozone as O ₃			<3	32.0	0	180 *	**				(part 9) RA2019
7.	Ammonia as NH ₃ 3			30	8.5	2	400 *		$\mu g/m^3$	IS 51	82	(part 25) RA 2018
8.	Benzo(a)pyrene as BaP <			0.5	5	01**			IS 51	82	(part 12) 2004	
9.	Benzene as C ₆ H ₆			<	<0.8	}	05 **	rsk:	μg/m³	IS 51	82	(part 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

	PL/LAB/C/ A	-24		<u>.</u>							e: 23/08/2024
Name of Cust Contact Deta		;	M/s. Lupin Li 401506 Maha			гариг, Т-	142, MII	DC Industrial	Area,	Dis	trict Palghar, Tarapur
			Mr. Arvind P	awai	r - 9	8238292	45 Ema	ail: arvindpa	war@	lup	in.com
Name of Site		:	Lupin Tarapi								
Discipline &		:	Chemical: At	mos	pher	ic Pollut	ion				
Description		:	Ambient Air								
Location of S		:	Near Main Ga	ate							
Date of Samp		:	05/08/2024								
Sampling Ti		:	11:00 to 11:0	00 hr			Durati			:	
Sample Drav		:	Goldfinch					orted By		:	
Date of Samp	ole Receipt	:	16/08/2024				Sample	e Identificat	ion	:	GFL/AA/24/08-162
Sample Quar Container	ntity &	:	SO ₂ :1 Bottle; Bladder:1; Cl				10-1; PN	M _{2.5} -1; O ₃ : 1 B	ottle	& N	IH₃:1 Bottle;
	ole Analysis	:	16/08/2024								
sampling En	vironmental	ditions	:	Te	mperatu	re:29-3	5°C; Rain fall	: Yes	Ph	r: 754 mmHg.	
Transportat	ion Condition	ı		:		ttles <	Filte	r papers in ic container	Bla	dde	er, charcoal tube at nt temp.
Sampling Eq	uipment			:	GO	LDFINC	H/INST	-HVS/02, GO	LDFI	NCF	I/INST-ADS/44
Calibration S	Status			:	Ca	libration	on 13.0)9.2023 due)5.2024 due	on 13	3.09	2.2024
Project/ Job	number			1:	SO	Number	: 31002	280632 dated	119.0	7.2	023
Reference of				:		/LA/01					
Method of Sa	ampling & Pro	esei	rvation	:		/LA/13					
Environmen	vironmental Condition while Testing				An	nbient Te	emperat	ture: 27°C an	d Hu	mid	ity: 40%
Sr. No. Pa	rameter			Resu			its#	Unit			of Analysis
10. Le	ad as Pb			< 0.5	5	1.	0 *	μg/m³	APH	A A	ir method 822-3rdEd
11. Ni	ckel as Ni			7.10)	20	***	ng/m³	APH	A A	ir method 822-3rdEd
12 Ar	12. Arsenic as As			<5.0	1	06	***	ng/m³	ADLI	Λ Λ	ir method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:

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Test Report (Ambient Air)

	AESPL/LAB/C/ A											e: 23/08/2024
	Customer &	:					apur, T-1	142, MI	DC Industrial	Area,	Dis	trict Palghar, Tarapur
Contact 1	Details		401506									
			Mr. Arvi	nd Pay	war	- 98	238292	45 Em	ail: <u>arvindpa</u>	war@	lup	in.com
Name of		1:	Lupin T									
	e & Group	1	Chemica		osr	heri	c Polluti	on				
	ion of Sample	:	Ambien				-					
	of Sampling	:	Near ET									
	ampling	:	06/08/2									
Samplin		:	12:00 to		hr			Durati				24 Hr.
	Drawn By		Goldfing		_				ported By		_	Goldfinch
	ample Receipt	:							e Identifica			GFL/AA/24/08-163
	Quantity &	:		,				10-1; PI	$M_{2.5}$ -1; O_3 : 1	Bottle	& N	IH ₃ :1 Bottle;
Containe		-	Bladder								_	
	ample Analysis		16/08/	2024 t								
	<u>Environmental</u>		nditions		:							: 760 mmHg.
Transportation Condition					:		tles <		r papers in			er, charcoal tube at
				5°C		plas	tic container	am	bie	nt temp.		
Samplin	g Equipment				:	GOL	DFINCE	1/INST	-HVS/02, GO	OLDFII	NCI	H/INST-ADS/44
0 17	61.1				:	Cali	bration	on 13.	09.2023 due	e on 13	3.09	0.2024
Cambrat	ion Status					Cali	bration	on 30.	05.2024 due	on 30	.05	.2025
Project/	Job number				:	SOI	Number	: 3100	280632 date	d 19.0	7.2	023
	ce of Sampling				:	QF/	LA/01 I	3 - 30.0	07.2024			
	of Sampling & Pr				:	QD/	LA/13					
Environ	mental Condition	wh	nile Testi	ng	0 2	Aml	bient Te	mpera	ture: 27°C a			
Sr. No.	Parameter			Re	esu	lt	Limi		Unit			of Analysis
1.	Sulphur dioxide	as S	5O ₂	6	5.05	5	80	*	μg/m³	IS 51	82	(Part 2) RA2017
2.	Nitrogen dioxid	e as	NO ₂	1	4.1	6	80) *	μg/m³	IS 51	82	(Part 6) RA2022
3.	PM ₁₀			6	0.3	6	10	0 *	μg/m³	IS 51	82	(Part 23) RA2022
4.	PM _{2.5}			2	1.1	5	60) *	μg/m³	IS 51	.82	(Part 24) 2019
5.	Carbon monoxide as CO			<	1.0)	04	**	mg/m³	IS 51	82	(part 11) RA2019
6.				<	32.	0	180) **	μg/m³	IS 51	82	(part 9) RA2019
7.				16	2.1	.3	40	0 *	μg/m³	IS 51	82	(part 25) RA 2018
8.				0.5	5	01	***	ng/m³	IS 51	82	(part 12) 2004	
9.				<	0.8	3	05	***	μg/m³	IS 51	82	(part 11) RA2022

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.:	AESPL/LAB/C/ A	-24	/08/72]	ssue	Dat	e: 23/08/2024
	Customer &	:	M/s. Lupin Lin	nited	, Tarapu	ır, T-1	42, MIE	OC Industria	Area,	Dis	trict Palghar, Tarapur
Contact	Details		401506 Mahar			,					
			Mr. Arvind Pa	war	- 9823	82924	45 Ema	il: arvindpa	war@	lup	in.com '
Name of	Site	:	Lupin Tarapu	r							
Disciplin	ne & Group	:	Chemical: Atn	nosr	heric P	ollutio	on				
Descrip	tion of Sample	:	Ambient Air								
Location	of Sampling	:	Near ETP Plan	nt							
Date of S	Sampling		06/08/2024-							,	
Samplin	g Time	:	12:00 to 12:0	0 hr			Duratio			-	24 Hr.
Sample	Drawn By	:	Goldfinch			7	<u> Cransp</u>	orted By			Goldfinch
Date of	Sample Receipt	:	16/08/2024								GFL/AA/24/08-163
Sample	Quantity &	:	SO ₂ :1 Bottle; l	NO2:	1 Bottle	; PM ₁	o-1; PM	$1_{2.5}$ -1; 0_3 : 1	Bottle	& N	IH ₃ :1 Bottle;
Contain			Bladder:1; Ch	arco	oal Tube	:1					
" te of !	Sample Analysis	:	16/08/20241								
mplin	g Environmental	Con	nditions	:	Tempe	eratur					: 760 mmHg.
Transpo	rtation Condition	1		:	Bottles	s <	Filter	r papers in	Bla	dde	er, charcoal tube at
					5°C		plast	ic container	am	bie	nt temp.
Samplin	g Equipment			:	GOLDE	INCH	/INST	HVS/02. G	OLDFI	NCI	I/INST-ADS/44
				:	Calibra	ation	on 13.0	9.2023 du	on 13	3.09	0.2024
Calibrat	ion Status							5.2024 due			
Project	lob number			:	SO Nui	mber:	31002	80632 date	d 19.0	7.2	023
	ce of Sampling			:	QF/LA	/01 B	-30.0	7.2024			
	of Sampling & Pro	rvation	:	QD/LA	/13						
	mental Condition		:	Ambie	nt Te	mperat	ure: 27°C a				
Sr. No.	Parameter		R	esu	lt	Limi		Unit			of Analysis
10.	Lead as Pb			< 0.5	5	1.0		$\mu g/m^3$	APH	A A	ir method 822-3rdEd
11.	Nickel as Ni		5.9			20 *	***	ng/m³	APH	A A	ir method 822-3rdEd
12.	Arsenic as As			<5.0		06*	alje alje	ng/m³	APH	A A	ir method 302-3rdEd
										_	

[#] Specified under National Ambient Air Quality Standards by CPCB:

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Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787



Test Report (Ambient Air)

Ref. No.	AESPL/LAB/C/ A	-24										e: 23/08/2024
Name of Contact	Customer & Details	:	M/s. Lup 401506 I				apur, T-14	2, MI	DC Industrial	Area,	Dis	trict Palghar, Tarapur
			Mr. Arvi	nd Pav	var	- 98	2382924	5 Em	ail: arvindpa	war@	lup	in.com
Name of	Site	:	Lupin Ta	arapur								
	ne & Group	:				heri	c Pollutio	n				
Descript	tion of Sample	:	Ambient									
Location	of Sampling	:	Near DG	Area								
Date of S	Sampling	:	12/08/2	2024-1	3/0	08/2	024					
Samplin	g Time	:	10:00 to	10:00	hr		D	urati	on		:	24 Hr.
Sample	Drawn By	:	Goldfine				T	rans	ported By		:	
Date of	Sample Receipt	1	16/08/2	2024			S	ampl	e Identificat	tion	:	GFL/AA/24/08-164
Sample	Quantity &	:	SO2:1 Bo	ttle; N	02:	1 Bo	ttle; PM ₁₁	-1; PN	M _{2.5} -1; O ₃ : 1 H	Bottle	& N	IH ₃ :1 Bottle;
Contain	er		Bladder	1; Cha	rcc	al Tu	ube:1					
	Sample Analysis	:	16/08/2			_						
	g Environmental				:			:28-3	5°C: Rain fal	I: No:	Phar	: 754 mmHg.
		:		tles <		r papers in			er, charcoal tube at			
	Transportation Condition						Lies		tic container	,		nt temp.
Samplin	g Equipment				:							I/INST-ADS/44
Calibrat	ion Status				:				09.2023 due 05.2024 due			
Project/	lob number					SO	Number:	31002	280632 date	d 190	7 2	023
	ce of Sampling				:		LA/01 B			4 1510	, , , _	020
	of Sampling & Pr	ese	rvation				/LA/13	0010				
	mental Condition			ıg	:			pera	ture: 27°C ar	nd Hu	mid	ity: 40%
Sr. No.	Parameter				su		Limit		Unit			of Analysis
1.	Sulphur dioxide	as S	SO ₂		.50		80 3		μg/m³			(Part 2) RA2017
2.	Nitrogen dioxid				1.10	-	80 *		μg/m³			(Part 6) RA2022
3.	PM ₁₀				L.49		100	*	μg/m³			(Part 23) RA2022
4.				21	1.70)	60 *	ķ.	μg/m³	IS 51	82	(Part 24) 2019
5.				<	1.0		04*	*	mg/m³			(part 11) RA2019
6.				<3	32.0)	180	**	μg/m ³	IS 51	82	(part 9) RA2019
_ 7.				21	4.3	5	400		цg/m³			(part 25) RA 2018
8.	Benzo(a)pyrene as BaP			<	0.5		01 **		ng/m³	IS 51	82	(part 12) 2004
9.	9. Benzene as C ₆ H ₆						05 **	**	μg/m ³			(part 11) RA2022

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values. Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only.



(Authorized Signatory)



Testing Laboratory is certified by ISO 9001:2015&ISO 45001:2018
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel:9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-0029787

Test Report (Ambient Air)

Ref. No.: AESPL/LAB/C/ A	-24	/08/71]	ssue	Dat	e: 23/08/2024
Name of Customer & Contact Details	:	401506 Maha	rash	tra	,	·		·		trict Palghar, Tarapur
	-	Mr. Arvind Pa		- 9823	382924	45 Ema	ail: <u>arvindpa</u>	war@	lup	in.com
Name of Site	:	Lupin Tarapu								
Discipline & Group	:	Chemical: Atr	nos	<u>oheric F</u>	<u>Pollutio</u>	on				
Description of Sample	:	Ambient Air					. 2			
Location of Sampling	:	Near DG Area								
Date of Sampling	:	12/08/2024-								
Sampling Time	:	10:00 to 10:0	<u>0 hr</u>			Durati			:	
Sample Drawn By	:	Goldfinch					orted By			Goldfinch
Date of Sample Receipt	:	16/08/2024								GFL/AA/24/08-164
Sample Quantity &	=	SO ₂ :1 Bottle;				1-1; PN	$I_{2.5}$ -1; O_3 : 1	Bottle	& N	IH₃:1 Bottle;
Container		Bladder:1; Ch								
Pate of Sample Analysis	:	16/08/2024	to 2:	3/08/2	024					
mpling Environmental		nditions	:	Temp	eratur	e:28-3	5°C; Rain fa			: 754 mmHg.
Transportation Condition	1		:	Bottle 5°C	es <		r papers in ic container			er, charcoal tube at nt temp.
Sampling Equipment			:	GOLD	FINCH	/INST	-HVS/02, GO	LDFII	VCF	I/INST-ADS/44
Calibration Status			:	Calibr	ation o	on 13.0)9.2023 due)5.2024 due	on 13	3.09	.2024
Project/ Job number			:	SO Nu	mber:	31002	280632 date	d 19.0	7.2	023
Reference of Sampling				QF/LA	A/01 B	- 30.0	7.2024			
Method of Sampling & Pr	esei	rvation	:	QD/L	A/13					
Environmental Condition			:	Ambie	ent Ter	mperat	ture: 27°C a	nd Hui	mid	ity: 40%
Sr. No. Parameter		R	esu	lt	Limit	ts#	Unit	Meth	od	of Analysis
10. Lead as Pb			< 0.5	5	1.0	*	μg/m³	APH	AA	ir method 822-3rdEd
11. Nickel as Ni			5.97		20 *	**	ng/m³	APHA	A Ai	ir method 822-3rdEd
12. Arsenic as As			< 5.0	1	06*	**	ng/m³	ADLL	A A	r method 302-3rdEd

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values. Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards 2009. Note:

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ANNEXURE-3 (Analysis Report of Ambient Noise)





Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/04/67 Issue Date: 30/04/2024

Name of Contact De							ea,		
	-		Mr. Arvind Pawar - 9823829245 Email: arvindpawar@lupin.com						
Name of Si	te	:	Lupin Tarapur						
Discipline	& Group	:	Chemical: Atmosphe	ric Pollution					
Descriptio	n of Sample	:	Ambient Noise						
Location D	etails	:	At the periphery of site						
Date of Sai	mpling	:	10/04/2024- 13/04/2024	Period of Sampling		:	Ambient		
Start & End Time of Sampling (Daytime)			06.00 Hr -22.00 Hr	Start & End Time of Sampling (Nighttime)		:	22.00 Hr-06.00Hr.		
Monitored	Ву	:	GESPL		Transported By		Goldfinch		
Date of Data Receipt		:	20/04/2024	Sample Identification		:	GFL/AN/24/04-111 GFL/AN/24/04-112 GFL/AN/24/04-113		
_cnvironme	ental Condition	:	Climate: Clear	Ambient		Temp: 32 ^U C			
Transportation Condition		:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.						
Sampling Equipment		:	Noise meter - GOLDFINCH/INST- DB Meter/79						
Calibration Status		:	Calibrated on 19/10/2023; calibration due on 18/10/2024						
Project/ Job Number		:	SO Number: 3100280632 dated 19.07.2023						
	of Sampling	:	QF/LA/01 B - 30.03.2024						
Method of Sampling		:	IS 9989 RA:2023						
Sr. No.	Location	Location			Noise Day Time dB(A)		Noise Nighttime dB(A)		
1.	Near Main gate				64.2		56.5		
2.	Near ETP Area				70.2		61.4		
3.	3. Near DG Room				63.4 58.6				
Standard as per E			Act for Industrial Are	a	75 70				

Conformity Statement: Noise Levels at all the locations are found below the stipulated limits. **Note:**

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
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- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.





Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Test Report (Noise)

Ref. No.	: AESPL/LAB/C/	N-2	4/05/12		Issu	e Date	30/05/2024		
Name of Contact De	Customer & etails		M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapi 401506 Maharashtra Mr. Arvind Pawar – 9823829245 Email: arvindpawar@lupin.com						
Name of Si	te	1:	Lupin Tarapur						
Discipline	& Group	:	Chemical: Atmospheric Pollution						
Description of Sample			Ambient Noise						
Location Details			At the periphery of site						
Date of Sampling		:	08/05/2024- 14/05/2024	Period of Sampling		:	Ambient		
Start & End Time of Sampling (Daytime)			06,00 Hr -22.00 Hr	Start & End Time of Sampling (Nighttime)		:	22,00 Hr-06,00Hr.		
Monitored		:	GESPL		Transported By		Goldfinch		
Date of Data Receipt		:	17/05/2024	Sample Identification		:	GFL/AN/24/05-61 GFL/AN/24/05-62 GFL/AN/24/05-63		
Environmental Condition			Climate: Clear	Ambient Tem		Temp			
Transportation Condition		:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.						
Sampling Equipment		:	Noise meter - GOLDFINCH/INST- DB Meter/123						
Calibration Status		:	Calibrated on 18/03/2024; calibration due on 17/03/2025						
Project/ Job Number		:							
Reference of Sampling		:							
Method of Sampling		:	IS 9989 RA:2023						
Sr. No.	Location	Location			Noise Day Time dB(A)		Noise Nighttime dB(A)		
1.	Near Main Gate				68.9		67.5		
2.	Near ETP Area				69.8		66.7		
3. Near DG Room					61,5		61.4		
Standard as per EP Act for Industrial Area				a	75 70				

Conformity Statement: Noise Levels at all the locations are found below the stipulated limits. Note:

- 1. The test report shall not be reproduced except in full, without written approval of laboratory.
- 2. Results relate only to the items tested.
- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Reshma S. Patil. (Authorized Signatory)



Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

58.4 70

Test Report (Noise)

Ref. No.: AESPL/LAB/C/N-24/06/07 **Issue Date: 26/06/2024** Name of Customer & : M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar, Tarapur **Contact Details** 401506 Maharashtra Mr. Arvind Pawar - 9823829245 Email: arvindpawar@lupin.com Name of Site Lupin Tarapur Chemical: Atmospheric Pollution Discipline & Group : Description of Sample **Ambient Noise Location Details** At the periphery of site : 07/06/2024-Period of Sampling Ambient **Date of Sampling** : 11/06/2024 22.00 Hr-06.00Hr. Start & End Time of 06.00 Hr -22.00 Hr Start & End Time of ÷ Sampling (Daytime) Sampling (Nighttime) **Monitored By GESPL** Transported By 2 Goldfinch GFL/AN/24/06-56 GFL/AN/24/06-57 GFL/AN/24/06-58 Date of Data Receipt 15/06/2024 Sample Identification : **Environmental Condition** Climate: Clear Ambient Temp: 32^UC Noise Data sheet is kept in folder and safely transported to laboratory along **Transportation** Condition with Noise meter. Sampling Equipment Noise meter - GOLDFINCH/INST- DB Meter/80 : **Calibration Status** : Calibrated on 19/10/2023; calibration due on 18/10/2024 Project/ Job Number SO Number: 3100280632 dated 19.07.2023 : QF/LA/01 B - 30.05.2024 Reference of Sampling 4 Method of Sampling IS 9989 RA:2023 Location **Noise Nighttime** Sr. No. **Noise Day Time** dB(A) dB(A) 62.3 58.5 1. Near Main Gate 2. Near ETP Area 68.0 61.0

Standard as per EP Act for Industrial Area Conformity Statement: Noise Levels at all the locations are found below the stipulated limits. Note:

The test report shall not be reproduced except in full, without written approval of laboratory.

61.7

75

2. Results relate only to the items tested.

Near DG Room

- 3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
- 4. Decision Rule is applied.

AL SE

3.

(Authorized Signatory)



Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018
Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04,2025
Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in
Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Test Report (Noise)

Ref. No	.: AESPL/LAB/C	/N-2		Iss	ue Date	e: 23/07/2024			
Name of Contact Do	of Customer & : M/s. Lupin Limited, Tarapur, T-142, MIDC Industrial Area, District Palghar,								
Name of Site : Lupin Tarapur									
Discipline	& Group	:	Chemical: Atmosphe	ric Pollution					
	n of Sample	:	Ambient Noise						
Location I		1.	At the periphery of site						
Date of Sampling		:	04/07/2024- 09/07/2024	Period of Sampling	:	Ambient			
Start & End Time of Sampling (Daytime)			06.00 Hr -22.00 Hr	Start & End Time of Sampling (Nighttime)	:	22.00 Hr-06.00Hr.			
Monitored By		:	GESPL	Transported By	:	Goldfinch			
Date of Data Receipt		:	15/07/2024	Sample Identification		GFL/AN/24/07-52 GFL/AN/24/07-53 GFL/AN/24/07-54			
Environmental Condition			Climate: Clear	Climate: Clear Ambient Temp: 320C					
Transportation Condition			Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.						
Sampling Equipment			Noise meter - GOLDFINCH/INST- DB Meter/79						
Calibration Status		:							
Project/ Job Number			SO Number: 3100280632 dated 19.07.2023						
Reference of Sampling			QF/LA/01 B - 29.06.2024						
Method of Sampling		:							
Sr. No.	Location			Noise Day dB(A)		Noise Nighttime dB(A)			
1.	Near Main			62.9		59.0			
2.	2. Near Area			67.	-	62.2			
3. Neap DG Room				63.2,	63.2 58.8				

Conformity States ent: Noise levels at all the locations are found below the stipulated limits. Note:

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Standard per EP Andor Industria Area

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-End of Test Report-

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Testing Laboratory is certified by ISO 9001:2015 & ISO 45001:2018 Recognized by MoEFCC as "Environmental Laboratory" valid up to 24.04.2025 Laboratory: P-1, MIDC Mohopada, Rasayani, Dist. Raigad, 410222, E-mail: pglab@aespl.co.in Tel: 9112844844, CIN: U74999MH2001PTC132091 UDYAM-MH-19-00-29787



TC-7085

Test Report (Noise)

Ref. No.: AESPL/La							Date: 23/08/2024	
Name of Customer & : M/s. Lupin Limited, Tarapur, T-142, MIDC 401506 Maharashtra Mr. Arvind Pawar - 9823829245 Email:								
Name of Site		:	Lupin Tarapur					
Discipline & Group			Chemical: Atmospheric Pollution					
Description of Sample			Ambient Noise					
Location Details		:	At the periphery of site					
Date of Sampling		:	07/08/2024- 09/08/2024	Period of Sampling		:	Ambient	
Start & End Time of Sampling (Daytime)			06.00 Hr -22.00 Hr	Start & End Time of Sampling (Nighttime)		:	22.00 Hr-06.00Hr.	
Monitored By		:	GESPL	Transported By		:	Goldfinch	
Date of Data Receipt		:	16/08/2024	Sample Identification		:	GFL/AN/24/08-196 GFL/AN/24/08-197 GFL/AN/24/08-198	
Environmental Condition		:	Climate: Clear Ambient Temp: 32 ^U C					
Transportation Condition		:	Noise Data sheet is kept in folder and safely transported to laboratory along with Noise meter.					
Sampling Equipment		;						
Calibration Status		:						
Project/ Job Number		:						
Reference of Sampling		:						
Method of Sampling		:						
Sr. No. Location	on				Noise Day Time dB(A)		Noise Nighttime dB(A)	
1. Near M	Near Main Gate				59.7		59.4	
2. Near ETP Area				70.2		69.7		
Z. Near E	IF AIC	a			10.4		05.7	

Conformity Statement: Noise Levels at all the locations are found below the stipulated limits. Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.

75

70

2. Results relate only to the items tested.

Standard as per EP Act for

Industrial Area

3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.



Reshma S. Patil. (Authorized Signatory)