

O/c



LUPIN LIMITED (UNIT 1)  
Plot No. M-2 & M-2-A, SEZ, Phase-II, MISC Zone,  
Apparel Park, Pithampur, Distt. Dhar - 454775  
Tel: +91-7292-417300

Date: 22/11/2023

To,

The Chief Conservator of Forest  
Ministry of Environment & Forest  
Regional Office (western Wing)  
Link Road No,-3, E-5, Ravi Shankar Nagar  
Bhopal - 462016 M.P.

**Subject:** Compliance Report –Environment Clearance No. J-11011/1188/2007-IA II (I) Dtd.  
09.04.08

Dear Sir,

This has reference to the above said Environment Clearance No. No. J-11011/1188/2007-IA II (I) Dtd. 09.04.08 granted to us for our manufacturing unit located at SEZ-Phase-II, Misc. Zone Apparel Park Pithampur, and Dist-Dhar (M.P.).

Please find enclose herewith the hard copy and soft (CD) copy of half yearly compliance report for the period of April-2023 to September-2023.

Thanking you.

For Lupin Limited

*Amit Sareen*

Amit Sareen  
Site Head & Sr. VP Manufacturing

Encl. - As above

Cc:

1. The Member secretary, SEIAA, EPCO, Bhopal (M.P.)
2. Zonal Office CPCB, Bhopal (M.P.)
3. The Member secretary, MPPCB- Bhopal (M.P.)
4. Regional Officer SEZ Pithampur - Dhar (M.P)

क्षेत्रीय कार्यालय

म.प्र. प्रदूषण नियंत्रण बोर्ड  
पीथमपुर, जिला धार (म.प्र.)  
आवक क्रं. ....  
दिनांक 22/11/23

**Lupin Limited, Pithampur**  
**COMPLIANCE REPORT**  
(Period: APR-2023 to SEP-2023)

Environmental Clearance No. J.11011/1188/2007-IA II (I) dtd. 09.04.2008

Condition No.	Condition	Compliance Status
<b>A. SPECIFIC CONDITIONS</b>		
i	There shall be no installation of boiler. The DG sets will be provided with acoustic arrangements to attenuate the noise pollution. The emissions from the DG sets shall be dispersed as per the CPCB/State pollution control Board standards.	We will not install any boiler without prior permission. The DG set installed at the site is with proper enclosure arrangement to keep noise level within the prescribed limit. The emission for DG sets is dispersed as per CPCB/MPPCB standards. The monitoring reports are attached. Kindly refer the Annexure-1.
ii	The solid waste generated in the form of process waste, Distillation residues and spent carbon shall be disposed of to CHW TSDF of M.P. Waste management Project. Spent catalyst shall be disposed of to the manufacturer for recycling or to CHW TSDF. The spent solvent shall be sent to common incinerator facility for incineration or sold to the authorized recyclers. The discarded containers/Barrels after decontamination will be sold or returned to supplier.	The hazardous waste generated from this facility is sent to common waste treatment, storage and disposal facility (CWTSDF) of M/s Pithampur Industrial Waste Management Private Limited for which we have agreement already. The spent solvent is sold to the authorized recyclers or sent to common incineration facility for incineration. The discarded containers/Barrels are sold to authorize recycler under Rule-9 as per Hazardous Waste Authorization. Submitted copy of form IV is attached. Kindly refer the Annexure-2.
iii	Hazardous chemicals shall be stored in tanks farms, drums, carboys etc. flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	The storage of hazardous chemicals is being done in storage tanks in the tank farm, drums and carboys. Flame arrestors are provided on tank farm. The transfer of solvents is by pumps.
iv	The company shall undertake measures for solvent recovery and chilled brine secondary condensers shall be provided for control of evaporation of low boiling solvents, spent solvent shall be recovered as far as possible & recovery shall not be less than 98 percent. Solvent vapours emitted during purification process from purification tanks as fugitive emissions shall be reduced as far as possible all venting equipment shall have vapour recovery system.	We are a pharmaceutical organization and manufacturing drug substances and products. We are unable to use recovered solvent because of quality requirements hence fresh solvent are required to be used to comply with USFDA/MHRA/WHO quality requirements. However, the solvent recovery is also part of the process and the solvents recovered is recycled and reused as a part of the systems.
v	Regular monitoring of HC and VOC shall be carried out at all vents in work zone area and in the ambient air at probable locations in and around the plant.	Regular workplace monitoring is being done at the identified points.

**Lupin Limited, Pithampur**  
**COMPLIANCE REPORT**  
**(Period: APR-2023 to SEP-2023)**

**Environmental Clearance No. J.11011/1188/2007-IA II (I) dtd. 09.04.2008**

Condition No.	Condition	Compliance Status																		
vi	An plant area of 33% shall be developed as green belt, selection of plants species shall be as per the Guidelines of CPCB.	<p>Green belt is 33% of the total plot area. In last three year (2020-2023) we have planted 1589 trees &amp; from Apr-2023 to Sep.-2023 planted 636 trees. Expenditures incurred in last three year for green belt development and maintenance is Rs. 5.03 Million. The species planted are as; Pelta Pharm, Mahogany, Conocarpus Champa, Gulmohar, Jakarenda, Ficus, Neem, Karanj, Sheesham, Shishu, Kesia Semia, Alastonia, Kanak Champa, Morsali, Jacaranda, Mango Tree, Itpethodia, Paras Peepal, Mahua, Chirol / Hovala, Washingtonia Palm, Mahua Fox Tail Palm, Bottle Palm, Bismaria Palm Christmas Tree, Aanwla, Kesia Gulka, Shravani, Jarul, Kachnar etc. Kindly refer Annexure – 3.</p> <p>Plantation details year wise as given below;</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Year</th> <th style="text-align: center;">Nos of plant Sapling</th> <th style="text-align: center;">Survival %</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2020-21</td> <td style="text-align: center;">100</td> <td style="text-align: center;">90.0%</td> </tr> <tr> <td style="text-align: center;">2021-22</td> <td style="text-align: center;">1089</td> <td style="text-align: center;">87.10 %</td> </tr> <tr> <td style="text-align: center;">2022-23</td> <td style="text-align: center;">400</td> <td style="text-align: center;">95%</td> </tr> <tr> <td style="text-align: center;"><b>2020-2023 (3 yrs)</b></td> <td style="text-align: center;"><b>1589</b></td> <td style="text-align: center;">--</td> </tr> <tr> <td style="text-align: center;">Apr-23- Sep-23</td> <td style="text-align: center;">636</td> <td style="text-align: center;">--</td> </tr> </tbody> </table>	Year	Nos of plant Sapling	Survival %	2020-21	100	90.0%	2021-22	1089	87.10 %	2022-23	400	95%	<b>2020-2023 (3 yrs)</b>	<b>1589</b>	--	Apr-23- Sep-23	636	--
Year	Nos of plant Sapling	Survival %																		
2020-21	100	90.0%																		
2021-22	1089	87.10 %																		
2022-23	400	95%																		
<b>2020-2023 (3 yrs)</b>	<b>1589</b>	--																		
Apr-23- Sep-23	636	--																		
<b>B. GENERAL CONDITIONS</b>																				
i	The project authorities shall strictly adhere to the stipulations made by the state pollution control Board.	We will adhere to all stipulations made by the M.P. Pollution control Board.																		
ii	No further expansion or modification in the plant shall be carried out without prior approval of the MoEF. In case of deviations or alterations in the project proposal from those submitted to this ministry for clearance. A fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	We will not carry out any expansions or modifications in our operations without prior approval.																		
iii	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	The emissions from the sources are monitored regularly. All necessary precautions like preventive maintenance is taken regularly to ensure compliance. Monitoring reports are attached as Annexure -1																		

**Lupin Limited, Pithampur**  
**COMPLIANCE REPORT**  
**(Period: APR-2023 to SEP-2023)**

**Environmental Clearance No. J.11011/1188/2007-IA II (I) dtd. 09.04.2008**

Condition No.	Condition	Compliance Status
iv	<p>The gaseous emissions (NO<sub>x</sub>, SO<sub>2</sub>, CO, VOC &amp; HC) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission level shall go beyond the stipulated standards. In the event of failure of pollution control system (s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.</p>	<p>We ensure that no gaseous emissions from the process units. Regular preventive maintenance is done so as to ensure no failure of the equipment.</p>
v	<p>The location of ambient air quality monitoring stations shall be decided in consultation with the state Pollution control Boards (SPCB) and it shall be ensured that at least one station is installed in the up wind and downwind direction as well as where maximum ground level concentrations are anticipated.</p>	<p>Monitoring stations have been identified and the monitoring is done regularly. Reports are submitted to MPPCB regularly. AAQM reports are attached as Annexure-4.</p>
vi	<p>Dedicated scrubbers and stacks of appropriate height as per the CPCB guideline shall be provided to control the emission from various vents. The scrubbed water shall be sent to ETP for further treatment.</p>	<p>Stack of appropriate height as per the Central Pollution Control board guidelines have been provided to control the emissions from various vents. Scrubbed water is being sent to treatment facility for further treatment.</p>
vii	<p>All the storage tanks will be under negative pressure to avoid any leakages. Breather valves, N<sub>2</sub> blanketing and secondary condensers with chilled brine chilling system shall be provided for all the storage tanks to minimize vapour's losses. All liquid raw material shall be stored in storage tanks and drums. Closed handling system for chemicals and solvents will be provided, magnetic seals will be provided for pumps/agitators for reactors for reduction of fugitive emissions. Solvent traps shall be installed wherever necessary. Reactor generating solvent vapors will be connected to condensers with receivers.</p>	<p>The solvent tanks are insulated with glass wool cladding and provided with breather valves. N<sub>2</sub> is purged in the tanks. The solvents are stored mainly in tanks. Mechanical seals have been provided on the transferring pumps. The handling of solvents/chemicals is done in closed system to control the fugitive emission. The solvent which are stored in barrels are transferred to container/vessel in closed condition with the help of FLP barrel pumps.</p> <p>Reactor vents (vapour column) are connected with primary &amp; secondary condensers having different utilities (chilled water &amp; chilled brine) to have optimum condensation of solvents vapours. Closed centrifuge system and their ML storage tanks connected with condensers system to reduce solvent losses. Insulation provided on the transfer lines of low boilers to prevent vapour losses.</p>

**Lupin Limited, Pithampur**  
**COMPLIANCE REPORT**  
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**Environmental Clearance No. J.11011/1188/2007-IA II (I) dtd. 09.04.2008**

Condition No.	Condition	Compliance Status
viii	All venting equipment shall have vapor recovery systems. All the pumps and other equipment's where there is a likelihood of HC leakages shall be provide with leak detection and repair system and LEL indicators and hydrocarbon detectors. Provision for immediate isolation of such equipment in case of a leakage will also be made. The company shall provide a well-defined leak detection and Repair program for quantification and control of fugitive emissions. The detectors sensitivity will be in ppm levels.	All venting equipment have been provided with vapor recovery system. All the pumps and other equipment have been provided with mechanical seal which ensures no leakage. We monitor the work environment to confirm that there are no fugitive emissions.
ix	The Company shall undertake following waste minimization measures. <ul style="list-style-type: none"> <li>➤ Metering and control of quantities of active ingredients to minimize waste.</li> <li>➤ Reuse of by products from the process as raw material or as raw material substitutes in other processes.</li> <li>➤ Use of automated filling to minimize spillage.</li> <li>➤ Use of 'Close Feed' system into batch reactors.</li> <li>➤ Venting equipment through vapor recovery system.</li> <li>➤ Use of high-pressure hoses for equipment cleaning to reduce wastewater generation.</li> </ul>	We are taking up waste minimization measures as specified in the Environment clearance (EC).
x	Fugitive emission in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the state Pollution Control Board/central Pollution control Board.	All operations in the manufacturing areas are controlled and closely monitored to ensure that there are no fugitive emissions. Work environment monitoring of operating areas is done regularly.
xi	The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management And handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, handling, treatment, storage and disposal of hazardous wastes. All Transportation of Hazardous chemical shall be as per the MVA, 1989.	We are complying with the MISHC rules and Hazardous and Other Wastes (Management & Trans-boundary Movement) Rules 2016, as amended from time to time. We have obtained authorization for the Hazardous Wastes from the Hon'ble Board.

**Lupin Limited, Pithampur**  
**COMPLIANCE REPORT**  
(Period: APR-2023 to SEP-2023)

Environmental Clearance No. J.11011/1188/2007-IA II (I) dtd. 09.04.2008

Condition No.	Condition	Compliance Status
xii	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (protection) Act.1986 rules,1989 viz. 75 dBA (day time) and 70 dBA(night time).	The overall noise level in and around the plant area is well within the specified limits. Necessary acoustic arrangement has been provided to keep the noise levels well within the prescribed limits. Reports of noise monitoring are attached as Annexure- 5.
xiii	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the factories Act.	Occupational Health Surveillance is done for all employees through personal health checkups which includes pre-employment and periodic health check/examination records are maintained. Kindly refer Annexure- 6.
xiv	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodic medical examinations for all employees shall be undertaken on regular basis.	<p>Pre-employment and routine periodical medical examinations are done for all employees on a regular basis as required under factories act. The medical tests are conducted by NABL accredited laboratory. Necessary training, induction and periodic training consisting of Class room, Tool box training etc. is imparted to the employees on safety &amp; health aspects regularly and training schedule also made for all employees as below.</p> <ul style="list-style-type: none"> <li>❖ <b>Instructed Laid Training</b> are imparted as per monthly training schedule by safety coordinators and EHS persons.</li> <li>❖ <b>Web based trainings</b> to employees are imparted through SABA which is a software based training program for on roll employees.</li> <li>❖ <b>On Job training</b> to employees to shop floor level at regular intervals.</li> <li>❖ <b>Training to contract employees</b> on weekly basis.</li> </ul> <p>Some of the training topics covered are – First aid, Safe handling &amp; use of hazardous chemicals etc. Mock drills are carried out regularly. Besides, safety instructions displayed, and implementation of safety procedures and practice of safe working methods is ensured throughout the operations at all times.</p>

**Lupin Limited, Pithampur**  
**COMPLIANCE REPORT**  
**(Period: APR-2023 to SEP-2023)**

**Environmental Clearance No. J.11011/1188/2007-IA II (I) dtd. 09.04.2008**

Condition No.	Condition	Compliance Status
xv	Usage of PPEs by all employees/ workers shall be ensured.	Usage of PPEs by all employees/workers is ensured.
xvi	The company shall strictly follow all the recommendations mentioned in the charter on corporate responsibility for environmental Protection (CREP).	Requirements of CREP guidelines are followed. A copy of the compliance status of CREP guideline conditions is attached as Annexure -7.
xvii	The company shall harvest surface as well as rainwater from the rooftops of the building proposed in the expansion project and storm water drain to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	As per the directive of CGWB, Bhopal, we have constructed check dams, the details of check dams are attached. The capacity of check dam is 87550 m3. Kindly refer the Annexure -8. The reports have already been submitted to the CGWB, Bhopal.
xviii	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the ministry. All the recommendations made in respect of environment management and risk mitigation measures relating to the project shall be implemented.	We are complying with the environmental protection measures and safeguards mentioned in our project report and the recommendations made in respect of environmental management and risk mitigation measures relating to this project are implemented. Six monthly EC compliance report is submitted to MoEF&CC regularly. The details of Environment Management system and risk mitigation is already submitted to your good office earlier.
xix	The company will undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities will be undertaken by involving local villages and administration.	The CSR activities are carried out through Lupin Human Welfare & Research Foundation. The reports of our efforts for the year 2022-23 is enclosed as Annexure -9.
xx	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Kindly refer S. No. XIX above.
xxi	A separate environmental management cell equipped with full-fledged laboratory facilities shall be set-up to carry out the environmental management and monitoring functions.	There is a separate Environment Department equipped with full fledge laboratory facility to carry out the environmental management & monitoring. The department is headed by Head-Environment who reports to the Plant Head/ Corp EHS Head. A team of executives carries out the environmental management & monitoring functions and reports to Head- Environment.
xxii	The project authorities shall earmark adequate funds to implement the conditions stipulated by the ministry of environment and forests as well as the state government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Adequate funds are provided for the environment protection and compliances. These funds are utilized for the defined purpose. We submit the year wise expenditure on environment management to MPPCB regularly in environmental statement. Annual recurring expenditure for the year 2022 -23 is Rs. 190.45 lacs.

**Lupin Limited, Pithampur**  
**COMPLIANCE REPORT**  
**(Period: APR-2023 to SEP-2023)**

**Environmental Clearance No. J.11011/1188/2007-IA II (I) dtd. 09.04.2008**

Condition No.	Condition	Compliance Status
xxiii	The implementation of the project vis-a-vis environmental action plans shall be monitored by the concerned regional office of ministry/SPCB/CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	Six monthly compliance report is being submitted to MoEF/CPCB/SPCB and also posted on the website regularly. Last six months compliance report for the period Oct-2022 to Mar-2023 was submitted on 30.05.2023
xxiv	The project proponent shall inform the public that the project has been accorded environment clearance by the Ministry and copies of the clearance letter are available with the SPCB/committee and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned regional Office of the Ministry.	We published the necessary notification regarding the project accorded environmental clearance in 2 nos. of local newspaper. Proof already submitted earlier.
xxv	The project authorities shall inform the Regional office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	We have already informed the Regional Office of the Ministry vide our letter No. MDP/RKK/SEZ-04/08 dtd. 19.02.08 about the completion of the project and the commencement of the production activity.
6	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
7	The Ministry reserves the right to stipulate additional conditions. If found necessary. The company in a time bound manner will implement these conditions.	Noted
8	Any appeal against this environmental clearance shall lie with the National Appellate Authority. If preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act, 1997	Noted
9	The Above conditions will be enforced, inter-alia under the provisions of the water ( Prevention and Control of Water Pollution) Act, 1974, Air (Prevention and Control of Air Pollution) Act, 1981, The Environment (Protection ) Act, 1986, Hazardous waste( Management and Handling) Rule 2003 and the Public liability Insurance Act, 1991 along with their amendments and rules.	Noted





# Sadekar Enviro Engineers Pvt. Ltd.

B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa- 403 101.  
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Lab accredited by MoEF & CC Valid up to 03.11.2023 ★ Certified by ISO 9001:2015 & ISO 45001 : 2018

## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/04/023/006	Report Date	21/04/2023
Name of Client	M/S. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (MP.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	14/04/2023	Sample Receipt Date	17/04/2023
Analysis Started on	17/04/2023	Analysis Completed On	21/04/2023
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Sample Collected By	SCS Representative		
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (°%) 51

## DETAILS OF STACK

Attached To	DG-1 (1250 KVA)
Location	Near Utility-1 Unit-2
Shape	Round
Diameter (Mtr)	0.4
Height From Ground Level (Mtr)	30
Flue Gas Temperature (°c)	91.0
Flue Gases Velocity (m/sec)	8.54
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	3129
Type of Fuel	HSD

## POLLUTIONAL PARAMETERS

Sr.	Parameters	Result	Units	Limit	Method
1.	Particulate Matter (15% O <sub>2</sub> )	37.0	mg/Nm <sup>3</sup>	75	IS 11255 (Part 1):1985 RA. 2019
2.	Sulphur Dioxide (SO <sub>2</sub> )	74.0	mg/Nm <sup>3</sup>	--	IS 11255 (Part 2),1985RA 2019
3.	NO <sub>x</sub> (as NO <sub>2</sub> ) (At 15 % O <sub>2</sub> ) dry basis)	83.6	ppmv	710	IS 11255 (Part 7) RA. 2022
4.	CO(At 15% O <sub>2</sub> )	13.5	mg/Nm <sup>3</sup>	150	EPA Method 10
5.	NMHC (as C) (At 15% O <sub>2</sub> )	11.0	mg/Nm <sup>3</sup>	100	EPA Method 25

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.

2) The above results relate only to the item tested.

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



*Varsha Chopdekar*  
Authorized Signatory  
Varsha Chopdekar



# Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Klean Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.  
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## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/07/023/011	Report Date	20/07/2023
Name of Client	M/S. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (MP.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	13/07/2023	Sample Receipt Date	14/07/2023
Analysis Started on	14/07/2023	Analysis Completed On	20/07/2023
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Sample Collected By	SCS Representative		
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%) 51

## DETAILS OF STACK

Attached To	DG-UTY-115 (1250 KVA)
Location	Near Utility -1 Unit -2
Shape	Round
Diameter (Mtr)	0.4
Height From Ground Level (Mtr)	30
Flue Gas Temperature (°c)	91.0
Flue Gases Velocity (m/sec)	9.0
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	3296
Type of Fuel	HSD

## POLLUTIONAL PARAMETERS

Sr.	Parameters	Result	Units	Limit	Method
1.	Particulate Matter (15% O <sub>2</sub> )	41.5	mg/Nm <sup>3</sup>	75	IS 11255 (Part 1):1985 RA. 2019
2.	Sulphur Dioxide (SO <sub>2</sub> )	80.2	mg/Nm <sup>3</sup>	--	IS 11255 (Part 2),1985RA 2019
3.	NO <sub>x</sub> (as NO <sub>2</sub> ) (At 15 % O <sub>2</sub> ) dry basis)	96.0	ppmv	710	IS 11255 (Part 7) RA. 2022
4.	CO(At 15% O <sub>2</sub> )	21.4	mg/Nm <sup>3</sup>	150	EPA Method 10
5.	NMHC (as C) (At 15% O <sub>2</sub> )	17.5	mg/Nm <sup>3</sup>	100	EPA Method 25

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.

2) The above results relate only to the item tested.

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Pvt. Ltd.

B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alfo, Old Betim Road, Bardez, Porvorim, Panaji-Goa- 403 101.  
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SAVE WATER  
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Lab accredited by MoEF & CC Valid up to 03.11.2023 ★ Certified by ISO 9001:2015 & ISO 45001 : 2018

## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/04/2023/024	Report Date	21/04/2023
Name of Client	M/S. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (MP.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	15/04/2023	Sample Receipt Date	17/04/2023
Analysis Started on	17/04/2023	Analysis Completed On	21/04/2023
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Sample Collected By	SCS Representative		
Environmental Condition of Lab	Temperature( <sup>o</sup> C)	25.1	Humidity( <sup>o</sup> %) 51

## DETAILS OF STACK

Attached To	DG-UTY 58 (1500 KVA)
Location	Near ETP-1 Plant Unit-2
Shape	Round
Diameter (Mtr)	0.4
Height From Ground Level (Mtr)	30
Flue Gas Temperature (°c)	116.00
Flue Gases Velocity (m/sec)	9.08
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	3113
Type of Fuel	HSD

## POLLUTIONAL PARAMETERS

Sr.	Parameters	Result	Units	Limit	Method
1.	Particulate Matter (15% O <sub>2</sub> )	38.2	mg/Nm <sup>3</sup>	75	IS 11255 (Part 1):1985 RA. 2019
2.	Sulphur Dioxide (SO <sub>2</sub> )	82.0	mg/Nm <sup>3</sup>	--	IS 11255 (Part 2),1985RA 2019
3.	NO <sub>x</sub> (as NO <sub>2</sub> ) (At 15 % O <sub>2</sub> ) dry basis)	95.7	ppmv	710	IS 11255 (Part 7) RA. 2022
4.	CO(At 15% O <sub>2</sub> )	16.4	mg/Nm <sup>3</sup>	150	EPA Method 10
5.	NMHC (as C) (At 15% O <sub>2</sub> )	13.0	mg/Nm <sup>3</sup>	100	EPA Method 25

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



*Varsha Chopdekar*  
Authorized Signatory  
Varsha Chopdekar

# Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagla Industrial Area, Thane - 400 604. Maharashtra State, India.  
☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

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## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/07/2023/013	Report Date	20/07/2023
Name of Client	M/S. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (MP.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	13/07/2023	Sample Receipt Date	14/07/2023
Analysis Started on	14/07/2023	Analysis Completed On	20/07/2023
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Sample Collected By	SCS Representative		
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%) 51

## DETAILS OF STACK

Attached To	DG-UTY-58 (1500 KVA)
Location	Near ETP-1 Plant Unit-2
Shape	Round
Diameter (Mtr)	0.4
Height From Ground Level (Mtr)	30
Flue Gas Temperature (°c)	95.0
Flue Gases Velocity (m/sec)	9.3
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	3356
Type of Fuel	HSD

## POLLUTIONAL PARAMETERS

Sr.	Parameters	Result	Units	Limit	Method
1.	Particulate Matter (15% O <sub>2</sub> )	47.5	mg/Nm <sup>3</sup>	75	IS 11255 (Part 1):1985 RA. 2019
2.	Sulphur Dioxide (SO <sub>2</sub> )	81.3	mg/Nm <sup>3</sup>	--	IS 11255 (Part 2),1985RA 2019
3.	NO <sub>x</sub> (as NO <sub>2</sub> ) (At 15 % O <sub>2</sub> ) dry basis)	98.3	ppmv	710	IS 11255 (Part 7) RA. 2022
4.	CO(At 15% O <sub>2</sub> )	20.6	mg/Nm <sup>3</sup>	150	EPA Method 10
5.	NMHC (as C) (At 15% O <sub>2</sub> )	16.2	mg/Nm <sup>3</sup>	100	EPA Method 25

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



  
Authorized Signatory  
Nilesch Naik

Format No. SEETL/LD/F-72

Page 1 of 1

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506 ☎: 8591159165 / 7304633868  
E-mail: evaporationssystem@sadekarenviro.com • Website : www.sadekarenviro.com

GOA UNIT : 310, Dempo Towers, EDC Pattoo, Panaji-403 001. Goa State, India ☎ : (0832) 2437048 / 2437164  
E-mail : sadekarenviro@rediffmail.com • CIN No. U45209MH1998PTC-116379



# Sadekar Enviro Engineers Pvt. Ltd.

B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa- 403 101.  
Goa State, India. ☎ : (0832) 2411322/ 2411323 • E-mail : startabgoa@rediffmail.com

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Lab accredited by MoEF & CC Valid up to 03.11.2023 ★ Certified by ISO 9001:2015 & ISO 45001 : 2018

## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/04/2023/025	Report Date	21/04/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	15/04/2023	Sample Receipt Date	17/04/2023		
Analysis Started on	17/04/2023	Analysis Completed On	21/04/2023		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Sample Collected By	SCS Representative				
Environmental Condition of Lab		Temperature(°C)	25.1	Humidity (%)	51

## DETAILS OF STACK

Attached To	Boiler (4.0 Ton)
Location	Utility – 2 (Unit – 2)
Shape	Round
Diameter (Mtr)	1.0
Height From Ground Level (Mtr)	35
Flue Gas Temperature (°C)	147.00
Flue Gases Velocity (m/sec)	5.25
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	10420
Type of Fuel	Natural Gas(PNG)

## POLLUTIONAL PARAMETERS

Sr. No	Parameters	Result	Units	Limit	Method
1.	Particulate Matter	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 1):1985 RA. 2019
2.	SO <sub>2</sub>	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 2):1985 RA. 2019
3.	NO <sub>x</sub>	8.3	mg/Nm <sup>3</sup>	-	IS 11255 (Part 7):2005 RA. 2022

- NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) BDL: Below Detection Limit (So<sub>2</sub>< 3 mg/Nm<sup>3</sup>), (Particulate Matter PM <10 mg/Nm<sup>3</sup>)

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



*Varsha Chopdekar*  
Authorized Signatory  
Varsha Chopdekar



# Sadekar Enviro Engineers Pvt. Ltd.

B-306/307, Plot No. 61, Patel Estate, Reis Magos, Veram, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa- 403 101.  
Goa State, India. ☎ : (0832) 2411322/ 2411323 • E-mail : sdekarabgoa@rediffmail.com

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## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/05/023/004	Report Date	12/05/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	05/05/2023	Sample Receipt Date	07/05/2023		
Analysis Started on	08/05/2023	Analysis Completed On	11/05/2023		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Sample Collected By	SCS Representative				
Environmental Condition of Lab		Temperature(°C)	25.1	Humidity (%)	51

## DETAILS OF STACK

Attached To	Boiler (4.0 Ton)
Location	Utility - 2 (Unit - 2)
Shape	Round
Diameter (Mtr)	1.0
Height From Ground Level (Mtr)	35
Flue Gas Temperature (°C)	134.00
Flue Gases Velocity (m/sec)	4.91
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	10098
Type of Fuel	Natural Gas(PNG)

## POLLUTIONAL PARAMETERS

Sr. No	Parameters	Result	Units	Limit	Method
1.	Particulate Matter	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 1):1985 RA. 2019
2.	SO <sub>2</sub>	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 2):1985 RA. 2019
3.	NO <sub>x</sub>	7.4	mg/Nm <sup>3</sup>	-	IS 11255 (Part 7):2005 RA. 2022

- NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) BDL: Below Detection Limit (SO<sub>2</sub>< 3 mg/Nm<sup>3</sup>), (Particulate Matter PM <10 mg/Nm<sup>3</sup>)

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



*Varsha Chopdekar*  
Authorized Signatory  
Varsha Chopdekar

# Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.  
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## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/06/2023/026	Report Date	19/06/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	12/06/2023	Sample Receipt Date	14/06/2023		
Analysis Started on	14/06/2023	Analysis Completed On	19/06/2023		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Sample Collected By	SCS Representative				
Environmental Condition of Lab		Temperature(°C)	25.1	Humidity (%)	51

## DETAILS OF STACK

Attached To	Boiler (4.0 Ton)
Location	Utility - 2 (Unit - 2)
Shape	Round
Diameter (Mtr)	1.0
Height From Ground Level (Mtr)	35
Flue Gas Temperature (°C)	147.00
Flue Gases Velocity (m/sec)	5.32
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	10587
Type of Fuel	Natural Gas(PNG)

## POLLUTIONAL PARAMETERS

Sr. No	Parameters	Result	Units	Limit	Method
1.	Particulate Matter	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 1):1985 RA. 2019
2.	SO <sub>2</sub>	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 2):1985 RA. 2019
3.	NO <sub>x</sub>	6.2	mg/Nm <sup>3</sup>	-	IS 11255 (Part 7):2005 RA. 2022

**NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) BDL: Below Detection Limit (SO<sub>2</sub> < 3 mg/Nm<sup>3</sup>), (Particulate Matter PM <10 mg/Nm<sup>3</sup>)

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Waghe Industrial Area, Thane - 400 804, Maharashtra State, India.  
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## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/07/2023/004	Report Date	20/07/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	12/07/2023	Sample Receipt Date	14/07/2023		
Analysis Started on	14/07/2023	Analysis Completed On	20/07/2023		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Sample Collected By	SCS Representative				
Environmental Condition of Lab		Temperature(°C)	25.1	Humidity (%)	51

## DETAILS OF STACK

Attached To	Boiler (4.0 Ton)
Location	Utility - 2 (Unit - 2)
Shape	Round
Diameter (Mtr)	1.0
Height From Ground Level (Mtr)	35
Flue Gas Temperature (°C)	127.0
Flue Gases Velocity (m/sec)	4.8
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	10124
Type of Fuel	Natural Gas(PNG)

## POLLUTIONAL PARAMETERS

Sr. No	Parameters	Result	Units	Limit	Method
1.	Particulate Matter	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 1):1985 RA. 2019
2.	SO <sub>2</sub>	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 2):1985 RA. 2019
3.	NO <sub>x</sub>	7.2	mg/Nm <sup>3</sup>	-	IS 11255 (Part 7):2005 RA. 2022

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) BDL: Below Detection Limit (So<sub>2</sub> < 3 mg/Nm<sup>3</sup>), (Particulate Matter PM <10 mg/Nm<sup>3</sup>)

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik





# Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.  
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## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/08/2023/217	Report Date	09/08/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	02/08/2023	Sample Receipt Date	04/08/2023		
Analysis Started on	04/08/2023	Analysis Completed On	09/08/2023		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Sample Collected By	SCS Representative				
Environmental Condition of Lab		Temperature(°C)	24.9	Humidity (%)	60

## DETAILS OF STACK

Attached To	Boiler (4.0 Ton)
Location	Utility – 2 (Unit – 2)
Shape	Round
Diameter (Mtr)	1.0
Height From Ground Level (Mtr)	35
Flue Gas Temperature (°C)	120.0
Flue Gases Velocity (m/sec)	4.7
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	10145.0
Type of Fuel	Natural Gas(PNG)

## POLLUTIONAL PARAMETERS

Sr. No	Parameters	Result	Units	Limit	Method
1.	Particulate Matter	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 1):1985 RA. 2019
2.	SO <sub>2</sub>	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 2):1985 RA. 2019
3.	NO <sub>x</sub>	8.5	mg/Nm <sup>3</sup>	-	IS 11255 (Part 7):2005 RA. 2022

- NOTE:** 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) BDL: Below Detection Limit (SO<sub>2</sub> < 3 mg/Nm<sup>3</sup>), (Particulate Matter PM < 10 mg/Nm<sup>3</sup>)

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 18, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.  
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## ANALYSIS TEST REPORT

Report No.	SEETL/Project/ST/09/2023/014	Report Date	14/09/2023
Name of Client	M/s. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	05/09/2023	Sample Receipt Date	07/09/2023
Analysis Started on	08/09/2023	Analysis Completed On	14/09/2023
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Sample Collected By	SCS Representative		
Environmental Condition of Lab	Temperature(°C)	24.9	Humidity (%) 60

### DETAILS OF STACK

Attached To	Boiler (4.0 Ton)
Location	Utility - 2 (Unit - 2)
Shape	Round
Diameter (Mtr)	1.0
Height From Ground Level (Mtr)	35
Flue Gas Temperature (°C)	119.0
Flue Gases Velocity (m/sec)	5.1
Flue Gas Flow Rate (Nm <sup>3</sup> /hour)	10544.2
Type of Fuel	Natural Gas(PNG)

### POLLUTIONAL PARAMETERS

Sr. No	Parameters	Result	Units	Limit	Method
1.	Particulate Matter	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 1):1985 RA. 2019
2.	SO <sub>2</sub>	BDL	mg/Nm <sup>3</sup>	-	IS 11255 (Part 2):1985 RA. 2019
3.	NO <sub>x</sub>	7.6	mg/Nm <sup>3</sup>	-	IS 11255 (Part 7):2005 RA. 2022

- NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.  
2) The above results relate only to the item tested.  
3) BDL: Below Detection Limit (SO<sub>2</sub> < 3 mg/Nm<sup>3</sup>), (Particulate Matter PM < 10 mg/Nm<sup>3</sup>)

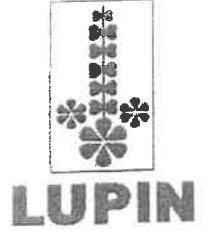
\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik

O/C ANNEXURE-2

LUPIN LIMITED (UNIT 1)  
Plot No. M-2 & M-2-A, SEZ, Phase-II, MISC Zone,  
Apparel Park, Pithampur, Distt. Dhar - 454775  
Tel: +91-7292-417300



Date:24/06/2023

To

The Member secretary  
M.P. Pollution control Board  
Paryavaran Parisar,  
E-5, Arera Colony,  
Bhpoal-462016

**Subject: Annual return in form-IV as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules,2016.**

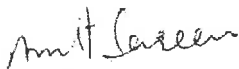
Dear Sir,

This has reference to the Hazardous Waste Authorization issued to us for 5 years as per Hazardous and Other Wastes (Management and Transboundary Movement) Rule, 2016. We are submitting herewith the Annual Return for the FY 2022-23 in form IV with manifest for unit-2 API division.

We hope you will find the above in order.

Thanking You.

For Lupin Limited

  
Amit Sareen  
Site Head & Sr. VP- Manufacturing.

क्षेत्रीय कार्यालय  
म.प्र. प्रदूषण नियंत्रण बोर्ड  
पीथमपुर, जिला धार (म.प्र.)  
आवक क्रं..... 98/6/23  
दिनांक.....

Cc: The Regional Officer, MPPCB, Pithampur-Dhar (M.P.)

Encl; As above

Registered Office: 3<sup>rd</sup> Floor, Kalpataru Inspire, Off W. E. Highway, Santacruz (East), Mumbai - 400 055 India. Tel : (91-22) 6640 2323.

Corporate Identity Number: L24100MH1983PLC029442

www.lupin.com

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**FORM- 4****[See rule 6(5), 13(8), 16(6) and 20(2)]****FORM FOR FILLING ANNUAL RETURNS**

(To be submitted to State Pollution Control Board by 30<sup>th</sup> day of June of every year for the proceeding period April to March)

1	Name and address of the Facility	Lupin Limited (Unit-2), (API Division), Plot no.-2, SEZ Phase-II, Misc. Zone, Apparel Park, Pithampur, Dist. Dhar - 454775
2	Authorization No. and Date of Issue	Authorization No. AWH-54964/ 07.01.2022
3	Name of the authorized person and full address with Telephone, Fax number and E mail	Mr. Amit Sareen / Mr. Harpreet Singh Plot No.2, SEZ Phase-II, Misc. Zone, Apparel Park, Pithampur, Dist. Dhar – 454775, Ph. No-07292-417311, Fax-07292-417417 E mail: amitsareen@lupin.com /harpreetsingh@lupin.com
4	Production during the year (product wise), wherever applicable	Consented Quantity -API Product- 2260.5 Kg/Year

**Part A****To be filled by Hazardous Waste Generators**

## 1. (I). Total quantity of Waste Generated Category wise

Sr. No.	Category	Hazardous Waste	Quantity Generated during 2022-23 in MT
1	5.1	Used or Spent Oil	0.785
2	20.2	Spent Solvent	199.072
3	20.3	Distillation Residues	0.0
4	28.1	Process Residue and wastes	0.0
5	28.2	Spent Catalyst	0.0
6	28.3	Spent Carbon	0.098
7	28.4	Off Specification Products	0.0
8	28.5	Date-expired products	0.0

Sr. No.	Category	Hazardous Waste	Quantity Generated during 2022-23 in MT
9	33.1	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	86.43
10	35.2	Spent ion exchange resin containing toxic metals	0.0
11	35.3	Chemical sludge from wastewater treatment	98.27
12	36.2	Spent carbon or Filter medium	24.19
13	37.3	Salts from ATFD (Concentration or evaporation residues)	21.54

2. Quantity dispatched:

- (i) To disposal Facility: Pithampur Industrial Waste Management Private Limited, Pithampur Dist. Dhar (M.P.)

Sr. No.	Category	Hazardous Waste	Quantity disposed during 2022-23 in MT
1	20.2	Spent Solvent	2.63
2	28.3	Spent Carbon	0.036
3	33.1	Empty liners/ PPE's contaminated with hazardous chemicals /wastes	30.5
4	35.3	Chemical sludge from wastewater treatment	97.82
5	36.2	Spent carbon or Filter medium	24.19
6	37.3	Salts from ATFD (Concentration or evaporation residues)	21.54

- (ii) To recycler or co-processors or pre-processor:

Sr. No.	Category	Hazardous Waste	Quantity Disposed during 2022-23 in MT	Authorized Recycler
1	20.2	Spent Solvent	196.442	M/s Royal Enterprises & M/s Shloak Chemicals India Pvt. Ltd.
2	33.1	Empty barrels/containers/liners after decontamination and puncturing	38.9	M/s Satyamitra Sales & Trading Com. Ltd., M/s Shri Balaji Traders and M/s Recycle waste

Sr. No.	Category	Hazardous Waste	Quantity disposed during 2022-23 in MT	Authorized Co-Processor
1	28.3	Spent Carbon	0.06	M/s J.K. Cement Works, Village- Mangrol, Tehsil Nimbahera, Dist. Chittorgarh (Rajasthan)
2	33.1	Empty liners/ PPE's contaminated with hazardous chemicals /wastes	17.03	

(iii) Others - NA

3. Quantity utilized in house, if any- NA

4. Quantity in storage at the end of year-

Sr. No.	Category	Hazardous Waste	Quantity stored at end of the year during 2022-23 in MT
1	5.1	Used or Spent Oil	0.785
2	28.3	Spent Carbon	0.002
3	35.3	Chemical sludge from wastewater treatment	0.8

**Part B**

To Be Filled By Treatment Storage and Disposal Facility Operators- Not Applicable

**Part C**

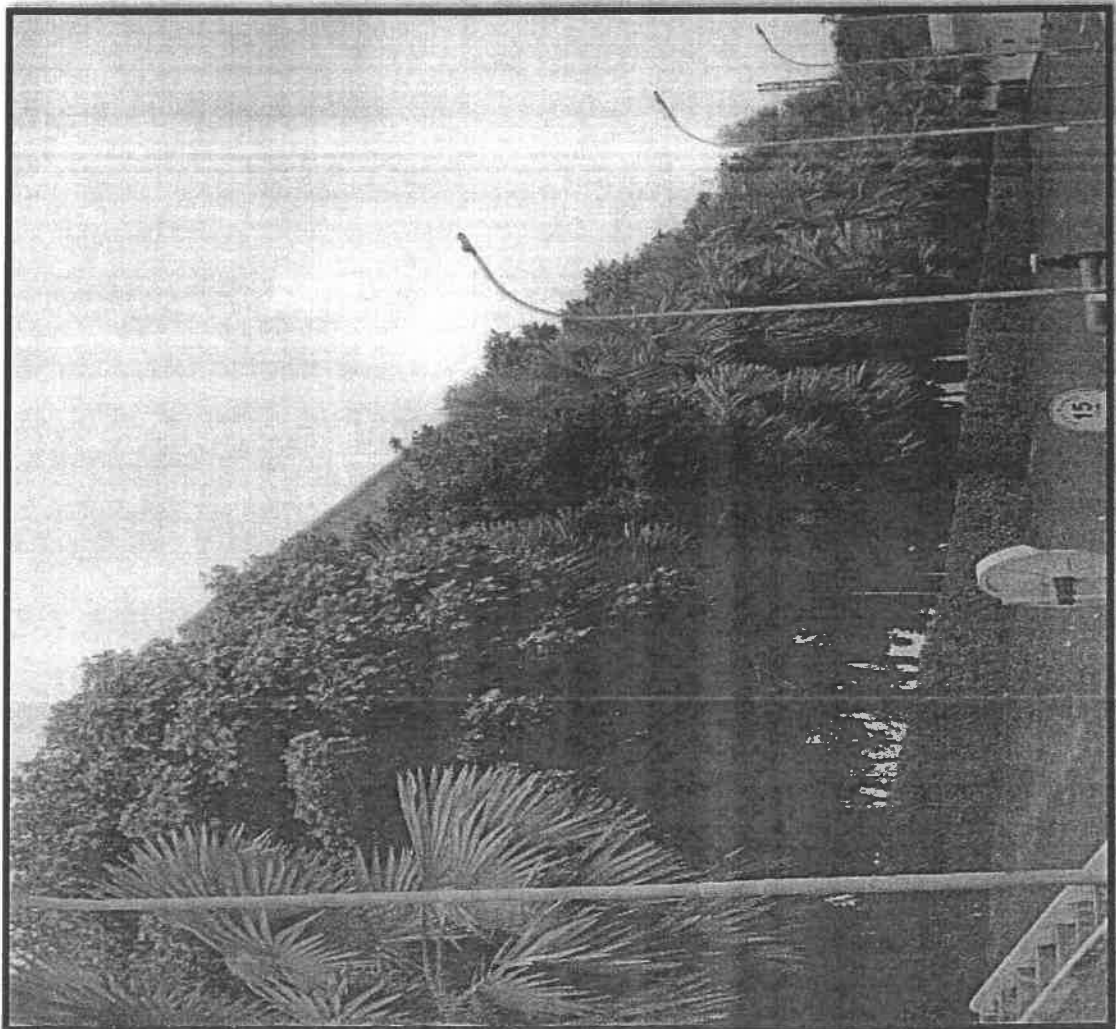
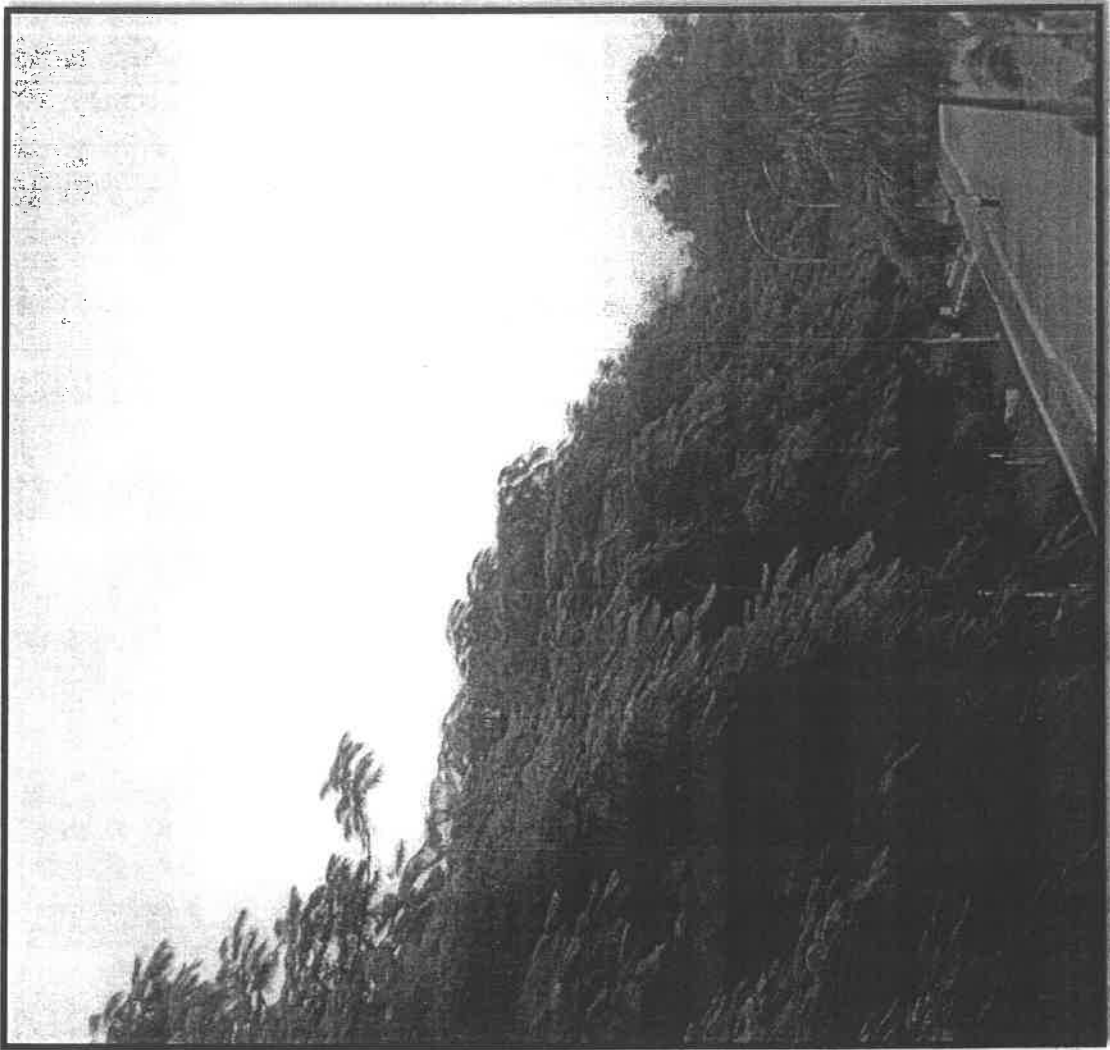
To Be Filled By Recyclers or Co-Processors or Other Users- Not Applicable

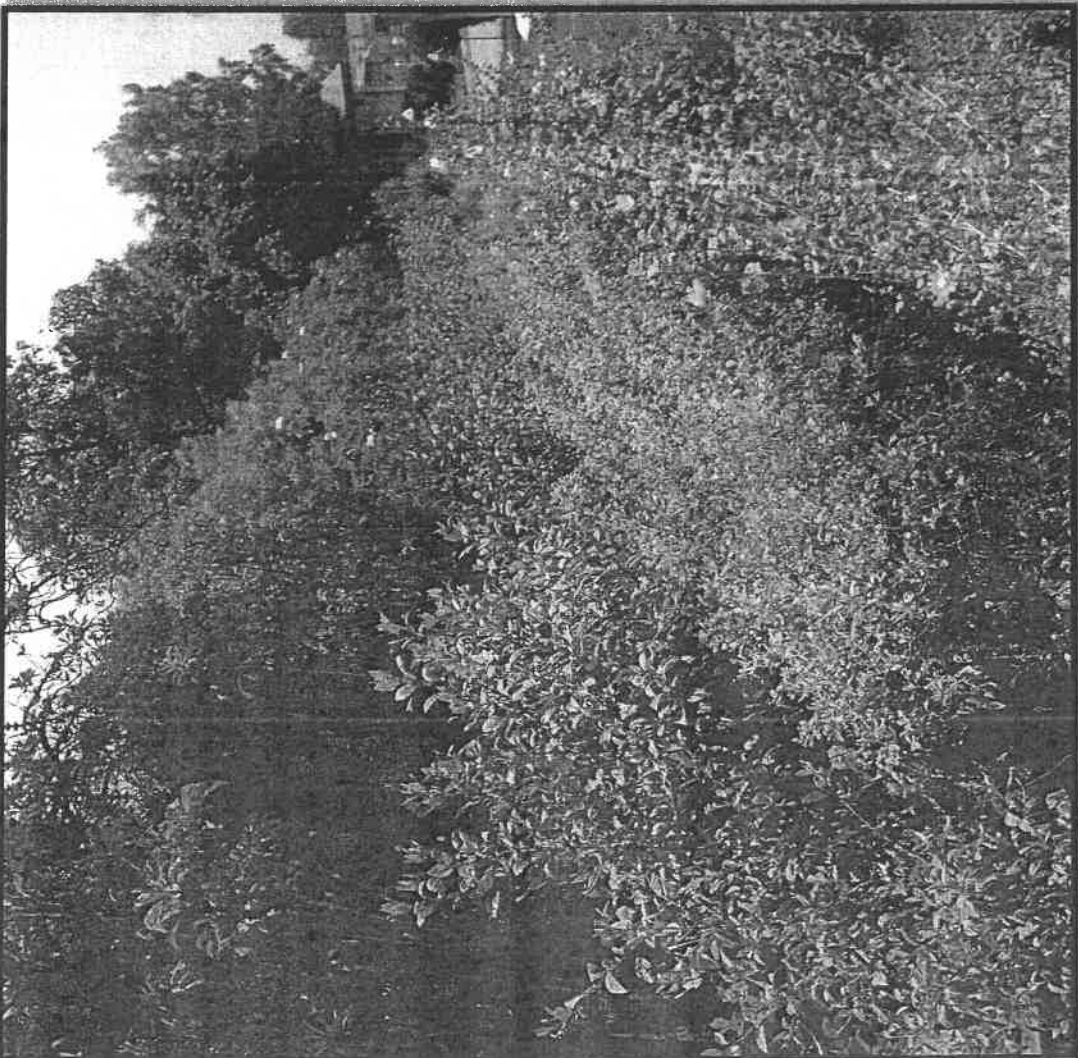
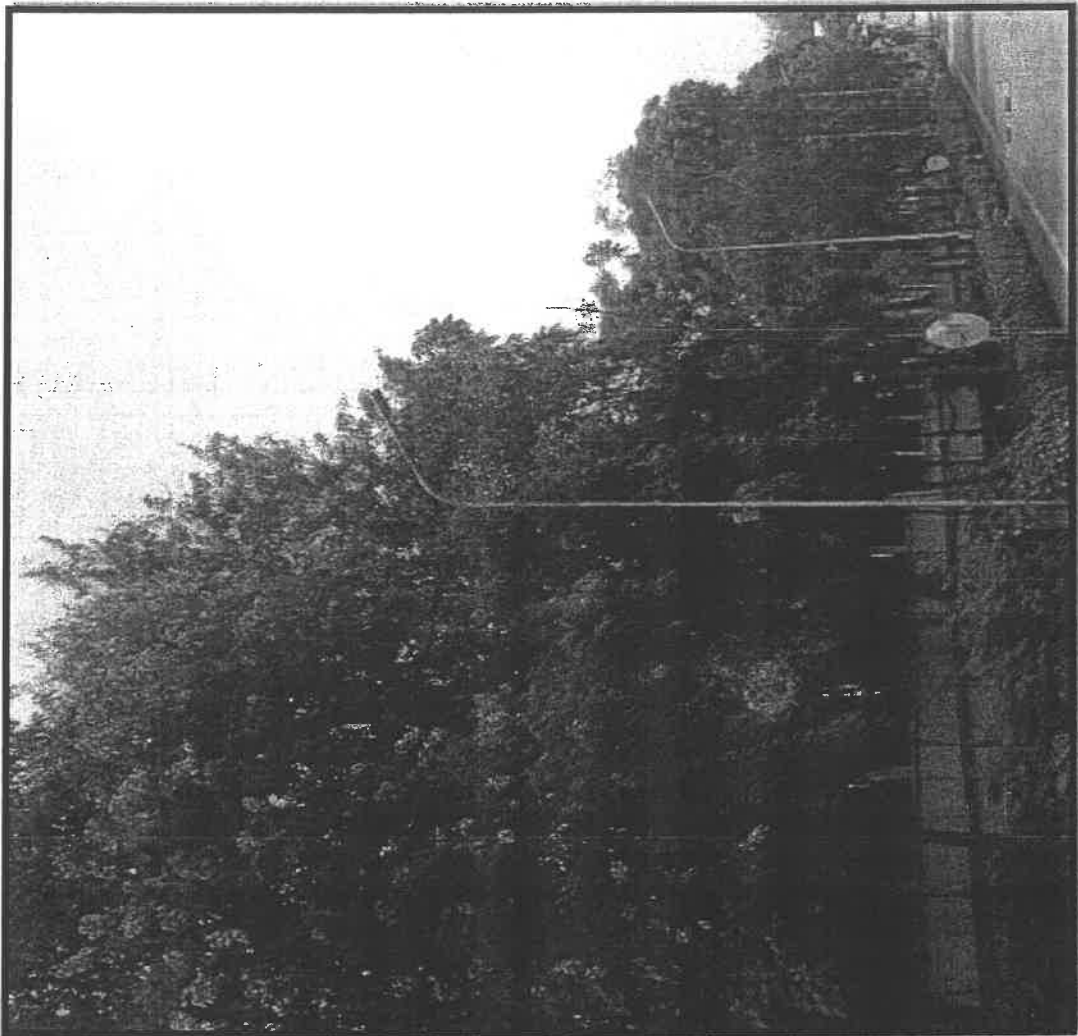
Date: 24/06/2023

*Mitkaran*  
Signature of the occupier

Place: Pithampur

Annexure-3









# Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.

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SOLE AGENT  
S. S. S. S.

## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/09/2023/012	Report Date	14/09/2023	
Name of Client	M/s. LUPIN LIMITED			
Address of Client	Plot No. M2 & M2A, SEZ Phase-II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775			
Order / Reference	As Per Agreement Dated-01/04/2021			
Date Of sampling	05/09/2023	Sample Receipt Date	07/09/2023	
Analysis Started on	08/09/2023	Analysis Completed On	14/09/2023	
Sample Collected By	SCS Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature (°C)	24.9	Humidity (%)	60

## AMBIENT AIR STATION

Location of H.V.S.	Near ETP-I		
Lateral Distance	5.0 Meter from ETP-I		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature (°C)	32	Humidity (%)	70
Wind Speed (km/hr)	13	Wind Direction	NW
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM - 550) G.P.S.(APM - 411) & Benzene Sampler (GTI 177)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	56.0	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	29.4	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	21.6	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	26.2	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	1.0	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

**NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
 2) NAAQS-National Ambient Air Quality Standards  
 3) Limits as per NAAQS amend on 16<sup>th</sup> Nov.2009.  
 4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.

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## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/09/2023/011	Report Date	14/09/2023
Name of Client	M/s. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	05/09/2023	Sample Receipt Date	07/09/2023
Analysis Started on	08/09/2023	Analysis Completed On	14/09/2023
Sample Collected By	SCS Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	~	Temperature(°C)	24.9
		Humidity (%)	60

## AMBIENT AIR STATION

Location of H.V.S.	Near Gate Entry		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	32	Humidity (%)	70
Wind Speed (km/hr)	13	Wind Direction	NW
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM - 550) G.P.S.(APM - 411) & Benzene Sampler (GTI 177)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	52.7	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	27.0	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	19.2	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	23.5	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.9	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL(DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL(DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL(DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL(DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL(DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL(DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

**NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
 2) NAAQS-National Ambient Air Quality Standards  
 3) Limits as per NAAQS amend on 16<sup>th</sup> Nov.2009.  
 4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT \*\*\*\*\*




Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.  
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AMBIENT AIR ANALYSIS TEST REPORT					
Report No	SEETL/Project/AR/09/2023/013	Report Date	14/09/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M1 & M3A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	05/09/2023	Sample Receipt Date	07/09/2023		
Analysis Started on	08/09/2023	Analysis Completed On	14/09/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab		Temperature(°C)	24.9	Humidity (%)	60
-AMBIENT AIR STATION					
Location of H.V.S.	Near Derma Security Gate				
Lateral Distance	5.0 Meter from Derma Security Gate				
Receptor Distance	1.5 Meters From Ground Level				
Ambient Temperature(°C)	32	Humidity (%)	70		
Wind Speed (km/hr)	13	Wind Direction	NW		
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550) G.P.S.(APM – 411) & Benzene Sampler (GTI 177)				
POLLUTIONAL PARAMETERS					
Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	50.3	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	26.5	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	17.5	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	22.4	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.7	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019
<b>NOTE:</b> 1) The above results relate only to the item tested & the condition prevailing at the time of sampling 2) NAAQS-National Ambient Air Quality Standards 3) Limits as per NAAQS amend on 16 <sup>th</sup> Nov.2009. 4) BDL- Below detection limit; DL-detection limit					
***** END OF THE REPORT*****					
				 Authorized Signatory Nilesch Naik	
					



# Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagie Industrial Area, Thane - 400 604. Maharashtra State, India.  
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AMBIENT AIR ANALYSIS TEST REPORT					
Report No	SEETL/Project/AR/08/2023/215	Report Date	09/08/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	02/08/2023	Sample Receipt Date	04/08/2023		
Analysis Started on	04/08/2023	Analysis Completed On	09/08/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab		Temperature(°C)	24.9	Humidity (%)	60
AMBIENT AIR STATION					
Location of H.V.S.	Near ETP-I				
Lateral Distance	5.0 Meter from ETP-I				
Receptor Distance	1.5 Meters From Ground Level				
Ambient Temperature(°C)	26	Humidity (%)	84		
Wind Speed (km/hr)	17	Wind Direction	W		
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550) G.P.S.(APM – 411) & Benzene Sampler (GTI 177)				
POLLUTIONAL PARAMETERS					
Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	59.2	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	30.6	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	19.5	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	25.2	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.9	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019
<b>NOTE:</b> 1) The above results relate only to the item tested & the condition prevailing at the time of sampling 2) NAAQS-National Ambient Air Quality Standards 3) Limits as per NAAQS amend on 16 <sup>th</sup> Nov.2009. 4) BDL- Below detection limit; DL-detection limit					
***** END OF THE REPORT*****					
					 Authorized Signatory Nilesch Naik

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Page 1 of 1

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506. ☎ : 8591159165 / 7304633868  
E-mail: evaporationssystem@sadekarenviro.com • Website: www.sadekarenviro.com

GOA UNIT : 310, Dempo Towers, EDC Patto, Panaji- 403001, Goa State, India. ☎ : (0832) 2437048 / 2437164  
E-mail: sadekarenviro@rediffmail.com • CIN No. U45209MH1998PTC-116379

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## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/08/2023/214	Report Date	09/08/2023	
Name of Client	M/s. LUPIN LIMITED			
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775			
Order / Reference	As Per Agreement Dated-01/04/2021			
Date Of sampling	02/08/2023	Sample Receipt Date	04/08/2023	
Analysis Started on	04/08/2023	Analysis Completed On	09/08/2023	
Sample Collected By	SCS Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	24.9	Humidity (%)	60

## AMBIENT AIR STATION

Location of H.V.S.	Near Gate Entry		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	26	Humidity (%)	84
Wind Speed (km/hr)	17	Wind Direction	W
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM – 550) G.P.S.(APM – 411) & Benzene Sampler (GTI 177)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	55.2	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	29.6	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	17.0	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	22.4	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.8	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL(DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I ,2011
8	Lead (Pb) for 24 hrs.	BDL(DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL(DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL(DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL(DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL(DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

**NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
 2) NAAQS-National Ambient Air Quality Standards  
 3) Limits as per NAAQS amend on 16<sup>th</sup> Nov.2009.  
 4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Pvt. Ltd.

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## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/08/2023/216	Report Date	09/08/2023	
Name of Client	M/s. LUPIN LIMITED			
Address of Client	Plot No. M1 & M3A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775			
Order / Reference	As Per Agreement Dated-01/04/2021			
Date of sampling	02/08/2023	Sample Receipt Date	04/08/2023	
Analysis Started on	04/08/2023	Analysis Completed On	09/08/2023	
Sample Collected By	SCS Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	24.9	Humidity (%)	60

## AMBIENT AIR STATION

Location of H.V.S.	Near Derma Security Gate		
Lateral Distance	5.0 Meter from Derma Security Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	26	Humidity (%)	84
Wind Speed (km/hr)	17	Wind Direction	W
Instruments Used	R.D.S.(APM- 460), F.P.S.(APM - 550) G.P.S.(APM - 411) & Benzene Sampler (GTI 177)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	54.0	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	28.5	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	16.2	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	20.7	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.6	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

**NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
 2) NAAQS-National Ambient Air Quality Standards  
 3) Limits as per NAAQS amend on 16<sup>th</sup> Nov.2009.  
 4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik

Format No. SEETL/LD/F-72

Page 1 of 1

**HIGH COD/TDS FACILITY :** Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506. ☎ : 8591159165 / 7304633868  
E-mail: evaporationssystem@sadekarenviro.com • Website : www.sadekarenviro.com

**GOA UNIT :** 310, Dempo Towers, EDC Palto, Panaji- 403001, Goa State, India. ☎ : (0832) 2437048 / 2437164  
E-mail: sadekarenviro@rediffmail.com • CIN No. U45200MH1008PTC 116378

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Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.  
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REGISTERED  
398/04

## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/07/2023/002	Report Date	20/07/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	12/07/2023	Sample Receipt Date	14/07/2023		
Analysis Started on	14/07/2023	Analysis Completed On	20/07/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab		Temperature(°C)	25.1	Humidity (%)	51

## AMBIENT AIR STATION

Location of H.V.S.	Near ETP-I		
Lateral Distance	5.0 Meter from ETP-I		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	27	Humidity (%)	85
Wind Speed (km/hr)	15	Wind Direction	SW
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM – 550) & G.P.S.(APM – 411)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	69.4	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	37.0	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	20.5	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	28.2	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.7	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

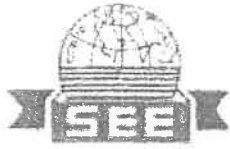
**NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling

- 2) NAAQS-National Ambient Air Quality Standards
- 3) Limits as per NAAQS amend on 16<sup>th</sup> Nov.2009.
- 4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Pvt. Ltd.

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## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/07/2023/001	Report Date	20/07/2023	
Name of Client	M/s. LUPIN LIMITED			
Address of Client	Plot No. M2 & M2A, SEZ Phase-II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775			
Order / Reference	As Per Agreement Dated-01/04/2021			
Date Of sampling	12/07/2023	Sample Receipt Date	14/07/2023	
Analysis Started on	14/07/2023	Analysis Completed On	20/07/2023	
Sample Collected By	SCS Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature (°C)	25.1	Humidity (%)	51

## AMBIENT AIR STATION

Location of H.V.S.	Near Gate Entry		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature (°C)	27	Humidity (%)	85
Wind Speed (km/hr)	15	Wind Direction	SW
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM – 550) & G.P.S.(APM – 411)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	65.5	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	33.7	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	19.2	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	26.5	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.6	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I ,2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

- NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
2) NAAQS-National Ambient Air Quality Standards  
3) Limits as per NAAQS amend on 16<sup>th</sup> Nov.2009.  
4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik





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## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/07/2023/003	Report Date	20/07/2023	
Name of Client	M/s. LUPIN LIMITED			
Address of Client	Plot No. M1 & M3A, SEZ Phase-II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775			
Order / Reference	As Per Agreement Dated-01/04/2021			
Date Of sampling	12/07/2023	Sample Receipt Date	14/07/2023	
Analysis Started on	14/07/2023	Analysis Completed On	20/07/2023	
Sample Collected By	SCS Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	51

## AMBIENT AIR STATION

Location of H.V.S.	Near Derma Security Gate		
Lateral Distance	5.0 Meter from Derma Security Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	27	Humidity (%)	85
Wind Speed (km/hr)	15	Wind Direction	SW
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM - 550) & G.P.S.(APM - 411)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	63.0	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	32.8	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	16.5	µg/m <sup>3</sup>	80.00	IS 5182(Part 2/Sec 1):2023
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	22.4	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.5	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

**NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
 2) NAAQS-National Ambient Air Quality Standards  
 3) Limits as per NAAQS amend on 16<sup>th</sup> Nov.2009.  
 4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*




Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Pvt. Ltd.

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AMBIENT AIR ANALYSIS TEST REPORT					
Report No	SEETL/Project/AR/06/2023/023	Report Date	19/06/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase-II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	12/06/2023	Sample Receipt Date	14/06/2023		
Analysis Started on	14/06/2023	Analysis Completed On	19/06/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	50	
AMBIENT AIR STATION					
Location of H.V.S.	Near Gate Entry				
Lateral Distance	5.0 Meter from Main Gate				
Receptor Distance	1.5 Meters From Ground Level				
Ambient Temperature(°C)	36	Humidity (%)	42		
Wind Speed (km/hr)	16.0	Wind Direction	W		
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM - 550) & G.P.S.(APM - 411)				
POLLUTIONAL PARAMETERS					
Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	87	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	45	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	21	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	32	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.81	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL- 20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I ,2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019
<b>NOTE:</b> 1) The above results relate only to the item tested & the condition prevailing at the time of sampling 2) NAAQS-National Ambient Air Quality Standards 3) Limits as per NAAQS amend on 16 th Nov.2009. 4) BDL- Below detection limit; DL-detection limit					
***** END OF THE REPORT*****					
					 <b>Authorized Signatory</b> Nilesch Naik

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LABORATORY : B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa-403 101. Goa State, India. ☎ : (0832) 2411322 / 23 • E-mail : [starlabgoa@rediffmail.com](mailto:starlabgoa@rediffmail.com) • CIN No. U45209MH1998PTC-116379

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## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/06/2023/024	Report Date	19/06/2023	
Name of Client	M/s. LUPIN LIMITED			
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775			
Order / Reference	As Per Agreement Dated-01/04/2021			
Date Of sampling	12/06/2023	Sample Receipt Date	14/06/2023	
Analysis Started on	14/06/2023	Analysis Completed On	19/06/2023	
Sample Collected By	SCS Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	50

## AMBIENT AIR STATION

Location of H.V.S.	Near ETP-I		
Lateral Distance	5.0 Meter from ETP-I		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	36	Humidity (%)	42
Wind Speed (km/hr)	16.0	Wind Direction	W
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM - 550) & G.P.S.(APM - 411)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	89	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	48	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	23	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	35	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.86	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL- 20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
2) NAAQS-National Ambient Air Quality Standards  
3) Limits as per NAAQS amend on 16 th Nov.2009.  
4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik

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AMBIENT AIR ANALYSIS TEST REPORT					
Report No	SEETL/Project/AR/06/2023/025	Report Date	19/06/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M1 & M3A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	12/06/2023	Sample Receipt Date	14/06/2023		
Analysis Started on	14/06/2023	Analysis Completed On	19/06/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	50	
AMBIENT AIR STATION					
Location of H.V.S.	Near Derma Security Gate				
Lateral Distance	5.0 Meter from Derma Security Gate				
Receptor Distance	1.5 Meters From Ground Level				
Ambient Temperature(°C)	36	Humidity (%)	42		
Wind Speed (km/hr)	16.0	Wind Direction	W		
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM - 550) & G.P.S.(APM - 411)				
POLLUTIONAL PARAMETERS					
Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	80	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	41	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	19	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	26	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.75	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL- 20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019
<b>NOTE:</b> 1) The above results relate only to the item tested & the condition prevailing at the time of sampling 2) NAAQS-National Ambient Air Quality Standards 3) Limits as per NAAQS amend on 16 th Nov.2009. 4) BDL- Below detection limit; DL-detection limit					
***** END OF THE REPORT*****					
					Authorized Signatory Nilesh Naik

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Page 1 of 1

BRANCH OFF. : 310, Dempo Towers, EDC Patto, Panaji-403 001, Goa State, India ☎ : (0832) 2437048 / 2437164  
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LABORATORY : B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa-403 101.  
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Lab accredited by MoEF & CC Valid up to 03.11.2023 ★ Certified by ISO 9001:2015 & ISO 45001 : 2018

## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/05/023/001	Report Date	12/05/2023
Name of Client	M/s. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	05/05/2023	Sample Receipt Date	07/05/2023
Analysis Started on	08/05/2023	Analysis Completed On	11/05/2023
Sample Collected By	SCS Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%) 50

## AMBIENT AIR STATION


Location of H.V.S.	Near Gate Entry		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	30	Humidity (%)	62
Wind Speed (km/hr)	8.0	Wind Direction	SW
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM – 550) & G.P.S.(APM – 411)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	80	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	39	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	19	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	25	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.70	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL- 20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-1, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

- NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
2) NAAQS-National Ambient Air Quality Standards  
3) Limits as per NAAQS amend on 16 th Nov.2009.  
4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*

  
Authorized Signatory  
Varsha Chopdekar

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B-306/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panaji-Goa-403 101.  
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Lab accredited by MoEF & CC Valid up to 03.11.2023 \* Certified by ISO 9001:2015 & ISO 45001 : 2018

## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/05/023/003	Report Date	12/05/2023
Name of Client	M/s. LUPIN LIMITED		
Address of Client	Plot No. M1 & M3A, SEZ Phase-II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of sampling	05/05/2023	Sample Receipt Date	07/05/2023
Analysis Started on	08/05/2023	Analysis Completed On	11/05/2023
Sample Collected By	SCS Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%) 50

## AMBIENT AIR STATION

Location of H.V.S.	Near Derma Security Gate		
Lateral Distance	5.0 Meter from Derma Security Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	30	Humidity (%)	62
Wind Speed (km/hr)	8.0	Wind Direction	SW
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM - 550) & G.P.S.(APM - 411)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	73	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	38	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	16	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	23	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.60	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL- 20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

- NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
 2) NAAQS-National Ambient Air Quality Standards  
 3) Limits as per NAAQS amend on 16 th Nov.2009.  
 4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*

*Varsha Chopdekar*  
Authorized Signatory  
Varsha Chopdekar

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Page 1 of 1

HEAD OFF. & LAB : Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.

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## AMBIENT AIR ANALYSIS TEST REPORT

Report No	SEETL/Project/AR/05/023/002	Report Date	12/05/2023	
Name of Client	M/s. LUPIN LIMITED			
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) - 454775			
Order / Reference	As Per Agreement Dated-01/04/2021			
Date Of sampling	05/05/2023	Sample Receipt Date	07/05/2023	
Analysis Started on	08/05/2023	Analysis Completed On	11/05/2023	
Sample Collected By	SCS Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	50

## AMBIENT AIR STATION

Location of H.V.S.	Near ETP-I		
Lateral Distance	5.0 Meter from ETP-I		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(°C)	30	Humidity (%)	62
Wind Speed (km/hr)	8.0	Wind Direction	SW
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM – 550) & G.P.S.(APM – 411)		

## POLLUTIONAL PARAMETERS

Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	83	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	45	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	20	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	26	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.73	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019

NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling  
2) NAAQS-National Ambient Air Quality Standards  
3) Limits as per NAAQS amend on 16 th Nov.2009.  
4) BDL- Below detection limit; DL-detection limit

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*

*Chopdekar*  
Authorized Signatory  
Varsha Chopdekar

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AMBIENT AIR ANALYSIS TEST REPORT					
Report No	SEETL/Project/AR/04/023/001	Report Date	21/04/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase- II, Misc. Zone Apparel Park, Plithampur, Dist. Dhar (M.P.) -				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	14/04/2023	Sample Receipt Date	17/04/2023		
Analysis Started on	17/04/2023	Analysis Completed On	21/04/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab		Temperature(°C)	25.1	Humidity (%)	51
AMBIENT AIR STATION					
Location of H.V.S.	Near Gate Entry				
Lateral Distance	5.0 Meter from Main Gate				
Receptor Distance	1.5 Meters From Ground Level				
Ambient Temperature(°C)	31	Humidity (%)	39		
Wind Speed (km/hr)	9.0	Wind Direction	W		
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM – 550) & G.P.S.(APM – 411)				
POLLUTIONAL PARAMETERS					
Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	72	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	35	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	18	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	23	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.59	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019
<b>NOTE:</b> 1) The above results relate only to the item tested & the condition prevailing at the time of sampling 2) NAAQS-National Ambient Air Quality Standards 3) Limits as per NAAQS amend on 16 th Nov.2009. 4) BDL- Below detection limit; DL-detection limit					
***** END OF THE REPORT*****					
					 <b>Authorized Signatory</b> Varsha Chopdekar

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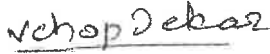




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AMBIENT AIR ANALYSIS TEST REPORT					
Report No	SEETL/Project/AR/04/023/002	Report Date	21/04/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M2 & M2A, SEZ Phase-II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) -				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	14/04/2023	Sample Receipt Date	17/04/2023		
Analysis Started on	17/04/2023	Analysis Completed On	21/04/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab		Temperature(°C)	25.1	Humidity (%)	51
AMBIENT AIR STATION					
Location of H.V.S.	Near ETP-I				
Lateral Distance	5.0 Meter from ETP-I				
Receptor Distance	1.5 Meters From Ground Level				
Ambient Temperature(°C)	31	Humidity (%)	39		
Wind Speed (km/hr)	9.0	Wind Direction	W		
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM – 550) & G.P.S.(APM – 411)				
POLLUTIONAL PARAMETERS					
Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	77	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	39	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	19	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	24	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.62	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL- 20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019
<b>NOTE:</b> 1) The above results relate only to the item tested & the condition prevailing at the time of sampling 2) NAAQS-National Ambient Air Quality Standards 3) Limits as per NAAQS amend on 16 th Nov.2009. 4) BDL- Below detection limit; DL-detection limit					
***** END OF THE REPORT*****					
					 <b>Authorized Signatory</b> Varsha Chopdekar

Format No. SEETL/LD/F-72

Page 1 of 1

**HEAD OFF. & LAB :** Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.  
☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com  
Gazetted By Ministry of Environment, Forest & Climate Change, Govt Of India, S. O. 857 (E)

**BRANCH OFF. :** 310, Dempo Towers, EDC Patta, Panaji-403 001. Goa State, India ☎ : (0832) 2437048 / 2437164  
E-mail : sadekarenviro@rediffmail.com • Website : www.sadekarenviro.com • CIN - U45209MH1998PTC-116379

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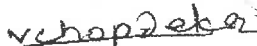


# Sadekar Enviro Engineers Pvt. Ltd.

B-366/307, Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Botim Road, Bardez, Porvorim, Panaji-Goa-403 101.  
Goa State, India. ☎ : (0832) 2411322 / 2411323 • E-mail : starlabgoa@rediffmail.com

SAVE WATER  
SAVE LIFE

Lab accredited by MoEF & CC Valid up to 03.11.2023 ★ Certified by ISO 9001:2015 & ISO 45001:2018

AMBIENT AIR ANALYSIS TEST REPORT					
Report No.	SEETL/Project/AR/04/023/003	Report Date	21/04/2023		
Name of Client	M/s. LUPIN LIMITED				
Address of Client	Plot No. M1 & M3A, SEZ Phase-II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.)				
Order / Reference	As Per Agreement Dated-01/04/2021				
Date Of sampling	14/04/2023	Sample Receipt Date	17/04/2023		
Analysis Started on	17/04/2023	Analysis Completed On	21/04/2023		
Sample Collected By	SCS Representative				
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	51	
AMBIENT AIR STATION					
Location of H.V.S.	Near Derma Security Gate				
Lateral Distance	5.0 Meter from Derma Security Gate				
Receptor Distance	1.5 Meters From Ground Level				
Ambient Temperature(°C)	31	Humidity (%)	39		
Wind Speed (km/hr)	9.0	Wind Direction	W		
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM - 550) & G.P.S.(APM - 411)				
POLLUTIONAL PARAMETERS					
Sr. No.	Parameters	Result	Units	NAAQS Limits	Reference Method
1	Particulate Matter (Size less than 10µm) 24 hrs. basis	69	µg/m <sup>3</sup>	100.00	IS 5182(Part 23)2006RA: 2022
2	Particulate Matter (Size less than 2.5µm) 24 hrs. basis	33	µg/m <sup>3</sup>	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulphur Dioxide (SO <sub>2</sub> ) 24 hrs. basis	15	µg/m <sup>3</sup>	80.00	IS 5182(Part 2): 2001 RA: 2022
4	Oxides of Nitrogen as NO <sub>2</sub> 24 hrs. basis	21	µg/m <sup>3</sup>	80.00	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone (O <sub>3</sub> ) for 8 hrs.	BDL (DL-1.0)	µg/m <sup>3</sup>	100.00	IS 5182 (Part 9): 1974 RA: 2019
6	Carbon Monoxide (CO) 8 hrs. basis	0.53	mg/m <sup>3</sup>	2.00	As per IS 5182 (Part 10) : 1999 RA 2019
7	Ammonia (NH <sub>3</sub> ) for 24 hrs.	BDL (DL-20.0)	µg/m <sup>3</sup>	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-I, 2011
8	Lead (Pb) for 24 hrs.	BDL (DL- 0.1)	µg/m <sup>3</sup>	1.00	EPA compendium method IO 3.5: 2012
9	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL (DL- 4.0)	µg/m <sup>3</sup>	5.00	IS 5182 (Part 11) :2006 RA 2022
10	Arsenic(As)	BDL (DL- 5.0)	ng/m <sup>3</sup>	6.00	EPA compendium method IO 3.5: 2012
11	Nickel(Ni)	BDL (DL- 5.0)	ng/m <sup>3</sup>	20.00	EPA compendium method IO 3.5: 2012
12	Benzo(a)Pyrene(BaP)	BDL (DL- 0.1)	ng/m <sup>3</sup>	1.00	IS 5182 (Part 12): 2004 RA: 2019
<b>NOTE:</b> 1) The above results relate only to the item tested & the condition prevailing at the time of sampling 2) NAAQS-National Ambient Air Quality Standards 3) Limits as per NAAQS amend on 16 th Nov.2009. 4) BDL- Below detection limit; DL-detection limit					
***** END OF THE REPORT*****					
					 <b>Authorized Signatory</b> <b>Varsha Chopdekar</b>

Format No. SEETL/LD/F-72

Page 1 of 1

HEAD OFF. & LAB : Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.

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# Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.  
 ☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

## ANALYSIS TEST REPORT

Report No.	SEETL/Project/N/09/2023/017-019	Report Date	14/09/2023
Name of Client	M/s. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A and M1 & M3A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) – 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of Monitoring	06/09/2023	Time of Sampling	Day/Night
Monitored By	SCS Representative		
Sampling Plan	SEETL/LD/F-03 -	Sampling SOP No.	SEETL/LD/SOP/AA-32

### DAY/NIGHT TIME NOISE LEVEL MONITORING

Sampling Location (From 1 meter away)	Noise Levels in dB(A) Leq* Day Time	CPCB Standard Limit	Noise Levels in dB(A) Leq* Night Time	CPCB Standard Limit
<b>AMBIENT NOISE LEVEL MONITORING</b>				
1. Near Gate Entry	53.5	75 dB(A)	44.9	70 dB(A)
2. Near ETP-I	65.2		58.7	
3. Near ETP – Derma Plant	64.7		56.2	

- NOTE:** 1) Day time shall mean from 6.00 am to 10.00 pm.  
 2) Night time shall mean from 10.00 pm to 6.00 am.  
 3) A "decibel" is a unit in which noise is measured.  
 4) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.  
 5) Leq: It is the energy mean of the noise level over a specified period.  
 6) Noise results meet as per CPCB standard.  
 7) Monitoring has been done as per CPCB protocol for ambient noise level monitoring, 2015.

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik



# Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604, Maharashtra State, India.  
☎ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : [prs@sadekarenviro.com](mailto:prs@sadekarenviro.com) / [psadekar5@gmail.com](mailto:psadekar5@gmail.com)

SO/SL/ITER  
SVC LIFE

## ANALYSIS TEST REPORT

Report No.	SEETL/Project/N/06/2023/029-030	Report Date	19/06/2023
Name of Client	M/s. LUPIN LIMITED		
Address of Client	Plot No. M2 & M2A and M1 & M3A, SEZ Phase- II, Misc. Zone Apparel Park, Pithampur, Dist. Dhar (M.P.) – 454775		
Order / Reference	As Per Agreement Dated-01/04/2021		
Date Of Monitoring	13/06/2023	Time of Sampling	Day/Night
Monitored By	SCS Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32

### DAY/NIGHT TIME NOISE LEVEL MONITORING

Sampling Location (From 1 meter away)	Noise Levels in dB(A) Leq Day Time	CPCB Standard Limit	Noise Levels in dB(A) Leq Night Time	CPCB Standard Limit
<b>AMBIENT NOISE LEVEL MONITORING</b>				
1. Near Gate Entry	54.6	75 dB(A)	42.7	70 dB(A)
2. Near ETP-I	66.8		60.5	
3. Near ETP – Derma Plant	65.4		58.3	

- NOTE:** 1) Day time shall mean from 6.00 am to 10.00 pm.  
2) Night time shall mean from 10.00 pm to 6.00 am.  
3) A "decibel" is a unit in which noise is measured.  
4) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.  
5) Leq: It is the energy mean of the noise level over a specified period.  
6) Noise results meet as per CPCB standard.  
7) Monitoring has been done as per CPCB protocol for ambient noise level monitoring, 2015.

\*\*\*\*\* END OF THE REPORT\*\*\*\*\*



Authorized Signatory  
Nilesh Naik

**Annexure-6**  
**Periodic Medical Examination (PME) of Employees**

The employees of the API plant have periodical medical examination as per below detail,

Parameters
Tests
1. Physical
2. Hb
3. T & D
4. Urine Routine
5. RBS
6. E2
7. Testosterone
8. TSH
9. SGPT
10. Sr. creatinine

Frequency of medical examination of employees working in API Plant is once in six months. The biochemical tests are conducted by NABL accredited laboratory.

Factory Medical Officer evaluates all medical reports of the employees after each medical examination.

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## Annexure-7

## REGARDING COMPLIANCE OF CREP CHARTER IN PHARMACEUTICAL INDUSTRIES

Sr. No.	Point wise CREP Charter	Compliance Status
1.	<p><u>Segregation of waste streams.</u> Waste stream should be segregated in to high COD Waste, toxic Waste, low COD waste, inorganic waste etc. for the purposes of providing appropriate treatment implementation by December 31' 2003 and action plan to be submitted to SPCB by June 30' 2003.</p>	<p>Effluent Treatment plant having capacity to treat 150 m<sup>3</sup>/day is installed. Wastewater generated from process area is decontaminated and further treated in ETP along with domestic &amp; utilities wastewater. Treated effluent from ETP is further treated in ZLD systems (RO, MEE &amp; ATFD). The recovered water from ZLD used in utilities. We get Bioassay test done on a regular basis for our treated wastewater by MoEF&amp;CC recognized laboratory.</p>
2.	<p><u>Detoxification and treatment Of high COD streams:</u> High COD streams Should be detoxified and treated in ETP or thermally destroyed in incinerator — implementation by March. 2004 and action plan to submitted to SPCB by June 2003.</p>	<p>Kindly refer Serial no. 1.</p>
3.	<p><u>Management of Solid Waste</u> Proper facilities should be provided for handling and storage of hazardous waste, final disposal of hazardous waste, recycling and reuse should be given priority, either within the premises or outside with proper manifest system, In case of Incinerable waste , properly designed incinerator should be installed within the premises or outside as common facility. The non- Incinerable hazardous waste should be disposed of in properly designed secure landfill either within the industry premises or in a Common facility- Implementation by March. 2004 and plan to be Submitted to SPCB by June 2003.</p>	<p>Hazardous wastes (HW) are segregated and stored at earmarked place in HW storage area prior to disposal. The hazardous waste generated is send to Pithampur Industrial Waste Management Pvt. Ltd. &amp; Authorized recycler as per authorization granted by the MPPCB vide letter No. AWH-54964 dtd. 07.01.2022 Valid till 31.01.2027.</p> <p>Consent No. AW-56674 dtd. 16.09.2022 for Air &amp; Water is valid till 31.01.2026</p>
4.	<p><u>Minimum scale of production to afford cost of pollution Control:</u> For new industries, which are not connected with CETP &amp; TSDF and which do not have the economics to install treatment facilities may not be considered for granting Consent to establishment, Industry association shall submit proposal to SPCB/CPCB implementation by December 31. 2003 and action plan to be submitted to SPCB by June 2003.</p>	<p>Effluent treatment: Please refer S.N. 1 above Hazardous Waste: Please refer S.N. 3 above</p>

Sr. No.	Point wise CREP Charter	Compliance Status
5.	<p><u>Long term strategies for reduction in waste:</u> Consent for establishment and consent for operation under the Water act will be based on pollution load and concentration of pollutants.</p> <p>Each industry will submit pollution load, concentration of final discharge along With Water balance to SPCB/CPCB for formulation of strategy – action plan to be submitted to SPCB by June 30' 2003</p>	All necessary information regarding pollution load (hydraulic as well as organic), water balance and waste quantification have been provided to the Authorities time to time.
6.	<p><u>Control of air pollution:</u> Industry will take up on priority, the control of Hazardous air pollutants (such as benzene, carbon tetrachloride, 1-4 dioxane, methanol, toluene, methyl chloride etc.) and odorous compound (mercaptan &amp; hydrogen sulphide)-implementation by December 2004 and action plan to be submitted to SPCB June 2003.</p>	We use some of these solvent as stipulated in the Charter in our manufacturing process. The processes are carried out in close system and the work environment monitoring done by us on a regular basis and no significant quantity of these chemicals have been found to be present in the environment
7.	<p><u>Self-regulation by industry through regular Monitoring and Environmental auditing:</u> Industries on their own will carry out monitoring of environmental parameters, audit it at regular interval and submit the same to SPCB-implementation by June 2003. Comment of BDMA- There shall be a policy for accrediting the auditors and the policy guideline may be issued by MoEF.</p>	We monitor wastewater, stacks, ambient air, noise, ground water etc. on regular basis. Monitoring is done in-house and by MoEF&CC and NABL Approved laboratory. We monitor the data regularly and monitoring reports are submitted to SPCB regularly.
8.	<p><u>Organizational Restructuring and Accreditation of Environmental manager of industry:</u></p> <p>a. Environment management cell created for each reporting to CEO directly-implementation June 2003.</p> <p>b. There should be certification system for environmental manager at individual level and common facility level. BDMA may evolve the program along with SPCB/CPCB-implementation by March 31, 2004 and action plan to be submitted to SPCB by July 2003</p>	<p>There is a separate Environment Department to manage environmental matter. The department is headed by Head-Environment who has educational qualification in environment. Head – Environment directly reports to the Plant Head/ Corporate EHS Head.</p> <p>The operations of all Environment management facilities are monitored round the clock.</p> <p>Monitoring of environmental parameters are done at in-house analytical facility with qualified and experienced chemist.</p>
9.	<p><u>Optimising the inventory of hazardous chemicals:</u> The information shall be submitted to SPCB regularly along with rational –action plan to be submitted to SPCB by March 31, 2003</p>	The inventory of all chemicals including hazardous chemicals at the site is regulated as per optimized inventory norm through a dedicated warehouse and procurement team.

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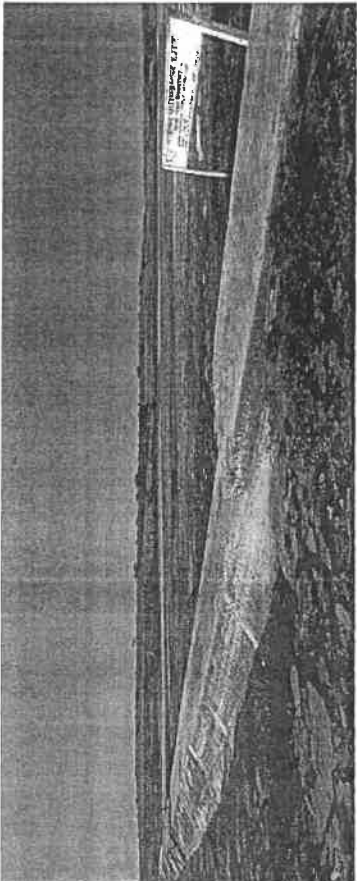
# PHOTOGRAPHS OF RAIN WATER HARVESTING STRUCTURE (CHECK DAM)



LUPIN



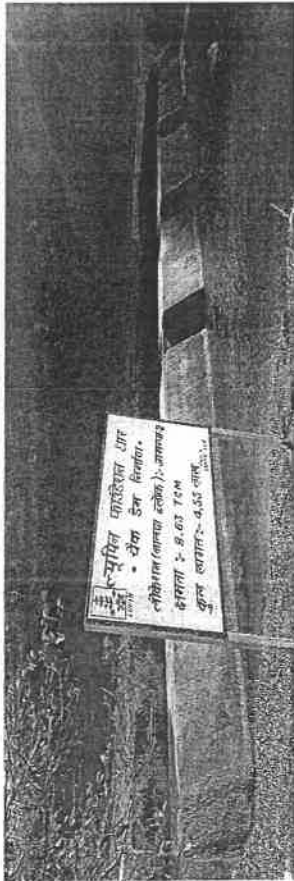
सूचना  
- येन डेम निर्माण -  
श्रीधरम (कान्हा खेत), जामना  
काला 2- 8.03 TCM  
कुल लागत- 4.55 लाख



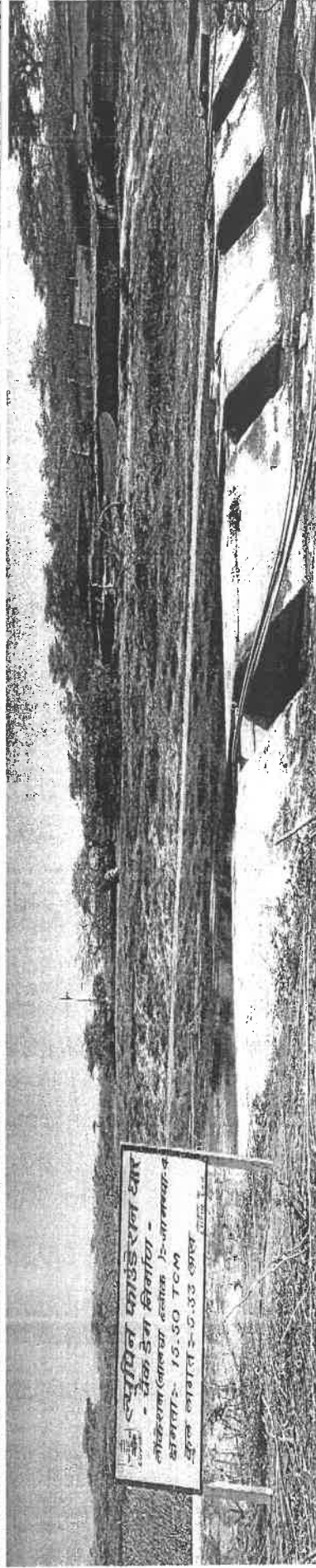
सूचना  
- येन डेम निर्माण -  
श्रीधरम (कान्हा खेत), जामना  
काला 2- 8.03 TCM  
कुल लागत- 4.55 लाख



सूचना  
- येन डेम निर्माण -  
श्रीधरम (कान्हा खेत), जामना  
काला 2- 8.03 TCM  
कुल लागत- 4.55 लाख



सूचना  
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सूचना  
- येन डेम निर्माण -  
श्रीधरम (कान्हा खेत), जामना  
काला 2- 8.03 TCM  
कुल लागत- 4.55 लाख





LUPIN

# Capacity of Check Dams

Sr. No	Location (Nalchha Block)	Dimension		Storage Capacity (TCM)
		Length (m)	Height (m)	
1	Hirapur-1	58.70	2.60	35.50
2	Jamniya-1	20.80	2.00	7.43
3	Jamniya-2	28.65	1.50	8.63
4	Jamniya-3	30.00	2.50	20.50
5	Jamniya-4	30.00	2.00	15.50
Grand Total				87.55

TCM - Thousand Cubic Meters

## ANNEXURE-9

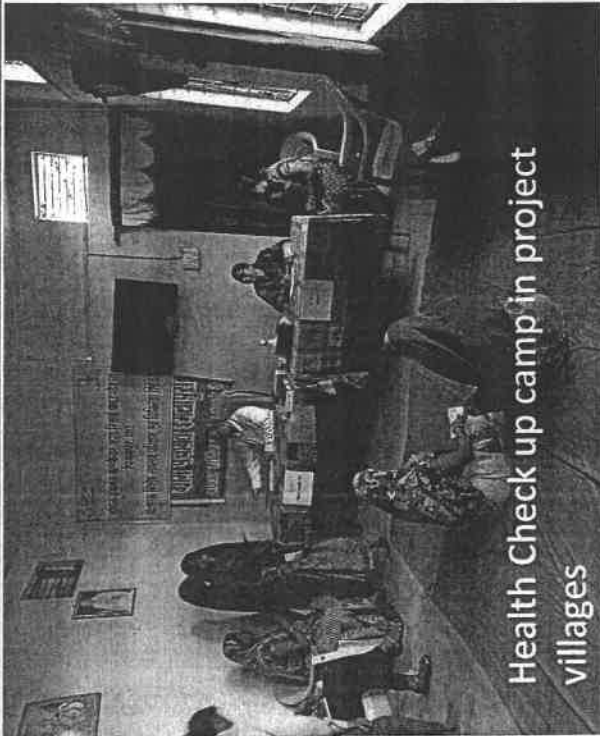
## Activity wise Progress

Sr. No.	Sector	Expenditure (Rs. In Lakh)	No. Of Beneficiary
1	Agriculture	1.09	362
2	Animal Husbandry	3.06	449
3	Rural Industries Promotion	3.05	25
4	Health	0.55	186
5	Education	1.65	80
6	Natural resource Management	1.22	30
7	Important Day celebration	1.70	-
		12.32	1132

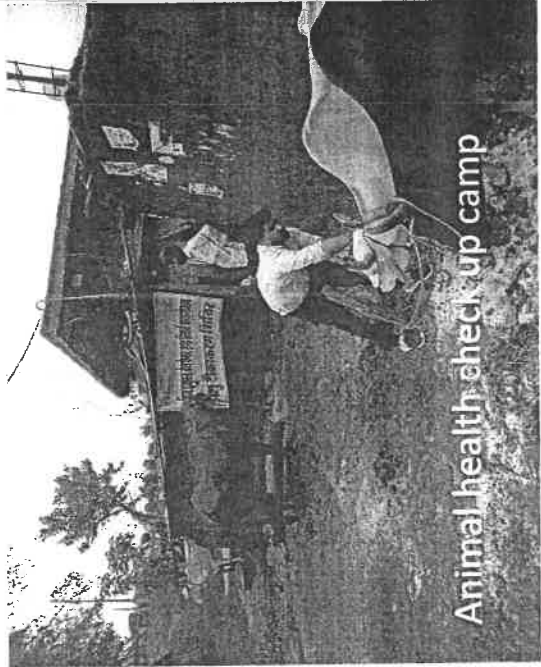
# Photos



Support of spray Pump to farmers



Health Check up camp in project villages



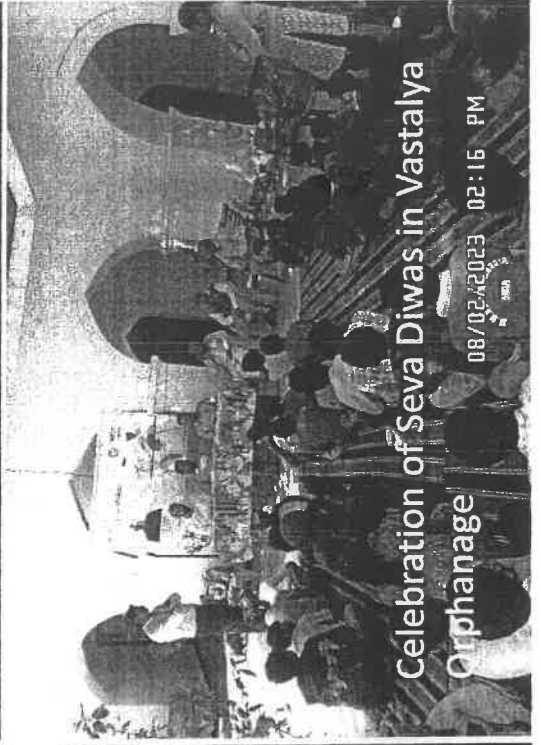
Animal health check up camp



Plantation at Jogi Bhadak water fall  
EVP activity



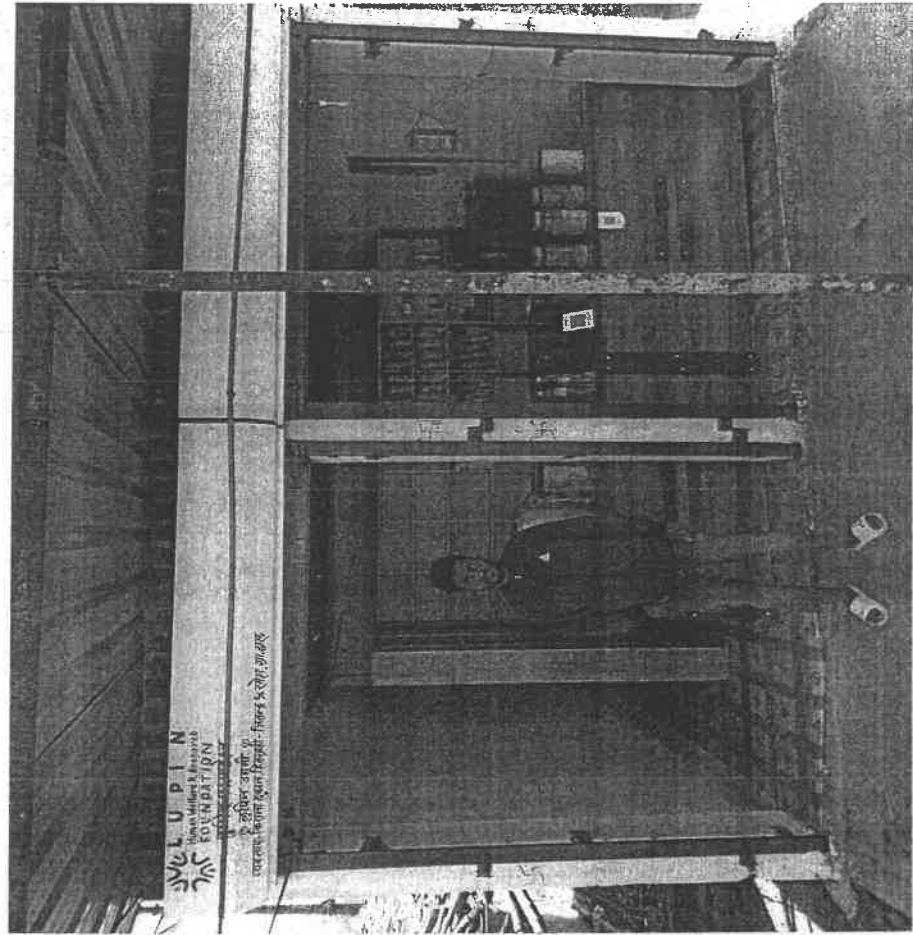
Celebration of Nutrition week



Celebration of Seva Diwas in Vastalya Orphanage

08/02/2023 02:16 PM

# Rural Industries Promotion



# CSR activities



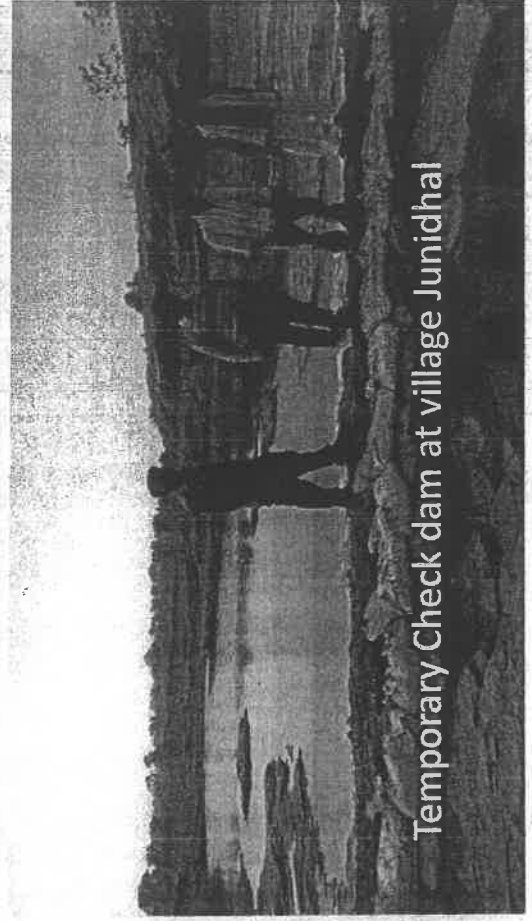
Medical equipment Support to Subcenter



Farmers day Celebration in Project village

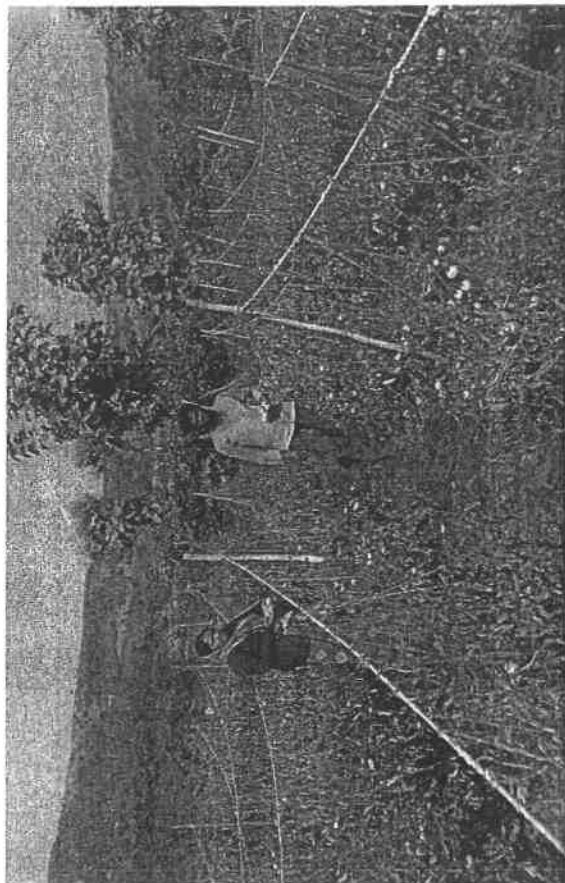


Educational flex support to Model anganwadi  
Pithampur



Temporary Check dam at village Junidhal

## Case Study & Media Coverage



वी. टी. 205 226 दैनिक

esagarachandran@gmail.com

# आज़ाज़-ए-चंदन

## महिला एवं बाल विकास विभाग द्वारा पोषण आहार माह के अवसर पर महिलाओं को दी जानकारी

असम में जहाँ जहाँ आहार माह के अवसर पर महिलाओं को जानकारी दी जा रही है, वहाँ जहाँ आहार माह के अवसर पर महिलाओं को जानकारी दी जा रही है...



जहाँ जहाँ आहार माह के अवसर पर महिलाओं को जानकारी दी जा रही है, वहाँ जहाँ आहार माह के अवसर पर महिलाओं को जानकारी दी जा रही है...

- Name of Farmer: Bharat Katara
- Village: Mewashjamnya
- Total Land: 2 acre
- Intervention: Vegetable cultivation on 1 acre (Tomato+brinjal)
- Production in Rs.: 1 lakh
- Profit: 75000/-
- He has done 1500 feet pipeline from nearest water source and convert one acre land under irrigation
- Next Plan: Convert remaining 1 acre land in to irrigated.

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esagarachandran@gmail.com