

LUPIN LIMITED  
Block No.21, Village Dabhasa  
Taluka Padra, Dist. Baroda - 391 440  
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Date: 27/05/22

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

Sub: Submission of Environment Clearance Compliance Report (For the period July-2021 to Dec-2021)

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

Respected Sir,

With reference to above mention letter and as per section 10 of EIA notification dated 14<sup>th</sup> sept-2006, please find enclosed herewith the Environment Clearance Compliance report for the period of July-2021 to Dec-2021.

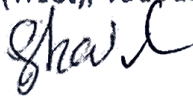
We hope you would find the above documents in order of your requirement.

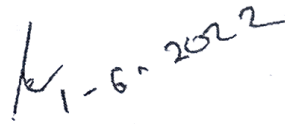
Thanking You,  
Yours Faithfully,  
For Lupin Limited

  
Rakesh Dave  
Site Head & Senior G.M- Manufacturing

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

Central Pollution Control Board  
RD (West), Vadodara.



  
G. P. C. Board  
GERI Compound  
Race Course, Vadodara

LUPIN LIMITED

Registered Office: 3<sup>rd</sup> Floor, Kalpataru Inspire, Off W.E. Highway, Santacruz (East), Mumbai 400 055 India. Tel : (91-22) 6640 2323.  
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**LUPIN LIMITED, DABHASA**  
**COMPLIANCE REPORT**  
**[PERIOD July-21 to Dec-21]**  
**ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)**  
**DATED 04.02.2015**



Sr. NO.	CONDITIONS	COMPLIANCE
A	<b>SPECIFIC CODITIONS:</b>	
i)	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.	<p><b>COMPLIED.</b>  Applicable Condition of National Emission Standards for Organic Chemicals Manufacturing Industry, G.S.R. 608(E) dated 21st July, 2010 are followed.  The unit is zero liquid discharge (ZLD) &amp; the recycled water is consumed in utilities. Kindly note that we do not have in-house incinerator. Our storm drains are totally segregated from effluent transferring system. The effluent transferring system is through pumping mechanism only.  At the outlet of premises guard pond has been constructed to control and prevent contaminated water (if any) to flow outside the premises &amp; return back to ETP.</p>
ii)	Stack of adequate height shall be provided to oil fired boiler 4, boiler 5 and thermic fluid heater (TFH-2) to disperse waste gases into atmosphere as per CPCB/SPCB guidelines.	<p><b>COMPLIED.</b>  Adequate stack height is provided for currently installed TFH and boilers. They are having stack height of 30 &amp; 38 meters respectively. Boiler 4 &amp; 5 are not yet installed. The stack heights as mentioned in REIA will be provided when stacks for proposed boilers are installed.</p>
iii)	Scrubber shall be provided to control process emissions viz. HCl, SO <sub>2</sub> , NH <sub>3</sub> , NO, Bromine and Ethyl Chloride. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.	<p><b>COMPLIED.</b>  Adequate number of scrubbers provided to control process emissions. Effluent generated from scrubber is sent to ETP. We ensure that all gaseous emissions &amp; particulate matters from process units conform to the standards as laid down by the concerned authorities. Further, on-line pH meters on scrubbers have been installed for better control on pH of scrubber media. Scrubber monitoring data by MoEF&amp;CC approved laboratory along with summary is attached as <b>Annexure-B (ii) and Annexure C(ii).</b></p>
iv)	Ambient air quality data shall be collected as per NAAQES standards notified by the	<b>COMPLIED.</b>

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	<p>Ministry vide G.S.R. No. 826(E) dated 16th September, 2009. The levels of PM2.5, PM10, SO2, NOx, VOC, CO, NH3 and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the Gujarat Pollution Control Board (GPCB).</p>	<p>Ambient air quality monitoring in the company is being carried out by MoEF&amp;CC approved laboratory. Ambient air monitoring data by MoEF&amp;CC approved laboratory along with summary is attached as <b>Annexur-B(i)</b> and <b>Annexure-C (i)</b>.  We have also installed the continuous ambient air quality monitoring station.  <b>Annexure-A:</b> Photograph of Ambient Air Quality Monitoring Station.</p>
<p>v)</p>	<p>In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling &amp; conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the GPCB.</p>	<p><b>COMPLIED.</b>  All majority of chemicals are transferred through closed loop systems. Controlling measures such as vent condensers, scrubbing mechanism are installed in manufacturing processes.  Following steps have been taken to control the fugitive emissions:</p> <ol style="list-style-type: none"> <li>1. All the equalisation tanks are covered from top and scrubber mechanism is provided.</li> <li>2. High pressure Odour suppressant system is provided on bioreactors &amp; sludge handling areas.</li> <li>3. Underground high COD open tanks are demolished and replaced with above ground high COD (closed) tanks.</li> <li>4. All solvents are handled in close system.</li> <li>5. All reactors have double stage condensers.</li> <li>6. All pumps &amp; pipelines are maintained as per preventive schedule and checked periodically and whenever required.</li> <li>7. Breather valves, Flame arrestors &amp; vent condensers have been provided for solvent storage tanks.</li> </ol> <p>Fugitive emissions in the work area are regularly monitored.  Work Area monitoring data is attached as <b>Annexure-B (iv)</b> and <b>Annexure C(iv)</b>.</p>

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		<b>Annexure-A:</b> Photograph of Equalisation tank covered & provided with Scrubber mechanism, Odour suppressant system (fugitive emissions), Above ground high COD (closed) tanks, Flame Arrestor & Vent condensers.
vi)	For further control of fugitive emissions, following steps shall be followed : 1. Closed handling system shall be provided for chemicals. 2. Reflux condenser shall be provided over reactor. 3. System of leak detection and repair of pump/pipeline based on preventive maintenance. 4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water. 5. Cathodic protection shall be provided to the underground solvent storage tanks.	<b>COMPLIED.</b> For further control of fugitive emissions, following steps followed; Closed handling system provided for chemicals. Reflux condenser provided over reactor. System of leak detection and repair of pump/pipeline based on preventive maintenance. The acids taken from storage tanks to reactors through closed pipeline. Storage tanks vented through trap receiver and condenser operated on chilled water.
vii)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	<b>COMPLIED.</b> Stack of adequate height are provided for DG Sets. Installed acoustic enclosures for DG Sets. Stack height of 1010 KVA is 30 meters, while 320 KVA & 600 KVA is 10 meters. <b>Annexure-A:</b> Photograph of Acoustic enclosure of D. G. Set.
viii)	Solvent management shall be carried out as follows : 1. Reactor shall be connected to chilled brine condenser system. 2. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. 3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. 4. Solvents shall be stored in a separate space specified with all safety measures.	<b>COMPLIED.</b> The company have taken following steps for solvent management: <ul style="list-style-type: none"> <li>• Reactors are connected with double-stage condensers; the vent condensers are supplied with chilled brine / chilled water to minimize vapour loss.</li> <li>• All solvent handling pumps with mechanical seal have been installed.</li> <li>• All condensers with sufficient HTA &amp; residence time are provided.</li> <li>• All solvents are stored separately in dedicated tank farms having all safety precautions.</li> </ul>

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	<p>5. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p> <p>7. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p>	<ul style="list-style-type: none"> <li>• Proper earthing is provided in all the electrical equipment wherever solvent handling is done.</li> <li>• Plant equipment, including tank farms are flame-proof, breather valve are provided on solvent tanks.</li> <li>• Solvent storage tank are connected with vent condenser with chilled brine circulation.</li> </ul>
ix)	<p>Total fresh water requirement from ground water source shall not exceed 711m<sup>3</sup>/day and prior permission shall be obtained from the CGWA/SGWA and prior permission shall be obtained from the CGWA/SGWA.</p>	<p><b>COMPLIED.</b></p> <p>Renewal of NOC for withdrawal of groundwater received through letter no. <u>21-4(127)/WCR/CGWA//2007-1431</u> dated <u>12.07.18</u> valid upto <u>05.07.21</u>.</p> <p>Renwal of NOC applied online on NOCAP portal, This is under process.</p> <p>Fresh water consumption from <u>July 21 to Dec 21</u> is <u>228.54 m<sup>3</sup>/day</u></p>
x)	<p>The Company shall ensure zero liquid effluent discharge from the entire unit after expansion through the treatment scheme comprising segregation of effluent streams into high COD/TDS and low COD/TDS effluent stream, MEE, biological treatment, RO etc. Condensate and recover water will be recycled/reused within factory premises.</p>	<p><b>COMPLIED.</b></p> <p>Zero Liquid Discharge implemented &amp; same is in regular operation. It consists of RO, MEE, ATFD. Recovered water is recycled &amp; reused back in utilities.</p> <p><b>Annexure-A:</b> Photograph of Reverse Osmosis (RO) &amp; Multi-Effect Evaporator (MEE).</p>
xi)	<p>'Zero' effluent discharge shall be adopted and no effluent shall be discharged outside the premises.</p>	<p><b>COMPLIED.</b></p> <p>Effluent is treated in ETP followed by RO, MEE and ATFD. Recovered water is recycled and reused in utilities.</p>
xii)	<p>Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.</p>	<p><b>COMPLIED.</b></p> <p>All domestic &amp; storm water drains have been segregated.</p> <p>Guard Pond constructed wherein the storm drain passes through the same.</p> <p><b>Annexure-A:</b> Photograph of Guard pond at the final outlet of storm drain.</p>
xiii)	<p>Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.</p>	<p><b>COMPLIED.</b></p> <p>Hazardous chemicals are stored in tanks, tank farms, drums, carboys, etc. with adequate precautions. Flame arresters provided on tank farm. Solvents are transferred through pumps.</p>

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		<b>Annexure-A:</b> Photograph of flame arresters on storage tanks.
xiv)	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.	<b>COMPLIED.</b> Process organic waste & spent carbon are sent to cement industries / TSDF / waste mixing facility authorised by SPCB. ETP sludge, process-inorganic salts and ATFD salts are sent to TSDF. As applied in letter dated 14.09.15, we do not have a coal fuel boiler, hence fly ash from boiler to brick manufacturer is not applicable. Manifest copy of waste disposal dtd. 27.12.21 (for the said period) is enclosed here as <b>Annexure-D</b> .
xv)	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency.	<b>COMPLIED.</b> Combined consent & amended received on 17.01.22 CCA- No. 116430, valid till 30.09.2025. CCA copy attached <b>Annexure-E</b> Fire hydrant & sprinkler system installed for firefighting in case of emergency.
xvi)	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	<b>COMPLIED.</b> We ensure that all vehicles used for transportation of raw material, hazardous waste and products have valid permission under prescribed rules.
xvii)	Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing alongwith the storm water. Direct exposure of workers to fly ash & dust should be avoided.	This Point is not applicable to us as we do not have coal fired boiler.
xviii)	The company shall undertake following waste minimization measures :- a. Metering and control of quantities of active ingredients to minimize waste.	<b>COMPLIED.</b> The company has active program for waste minimization like maximizing reuse of solvents in processes, metering of

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	<p>b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.</p> <p>c. Use of automated filling to minimize spillage.</p> <p>d. Use of Close Feed system into batch reactors.</p> <p>e. Venting equipment through vapour recovery system.</p> <p>f. Use of high pressure hoses for equipment cleaning to reduce wastewater generation.</p>	quantities of active ingredients, closed feed systems, etc.
xix)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	<p><b>COMPLIED.</b></p> <p>All precautions with respect to fire prevention &amp; control are taken at site. We have ensured hazardous area classification, earthing, bonding, procedure control and training. Robust &amp; full fledged firefighting system is in place to control any emergencies at site.</p>
xx)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. Occupational health section to be strengthening by employing a full time Doctor.	<p><b>COMPLIED.</b></p> <p>Occupational health surveillance of the workers (Annual medical checkup and pre-employment medical checkup) is carried out on a regular basis as per section-41-C of the Factories Act and Rule-68-T of Gujarat Factories Rules and records are maintained. Sample copy of health report is attached for reference as <b>Annexure-F</b>.</p> <p>Company has a manned OHC along with full time doctor (FMO) for occupational health surveillances.</p> <p><b>Annexure-A:</b> Photograph of OHC facility.</p>
xxi)	Greenbelt around process area to be increased. As proposed, green belt over 33 % of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	<p><b>COMPLIED.</b></p> <p>We have developed Greenbelt in the facility and the same is being consistently strengthened. An area of 33% is allocated for the same.</p> <p><b>Annexure-A:</b> Photograph of green belt.</p>
xxii)	All the commitment made regarding issues raised during the Public Hearing/	<b>COMPLIED.</b>

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	<p>consultation meeting held on 17th January, 2014 shall be satisfactorily implemented.</p>	<p>Lupin is committed to enhance the regional development by focussing on CSR activities. The same shall be continued further. Employment direct / indirect is also done from the nearby village.</p> <p>In the public hearing /consultation, there were no direct commitments required on Lupin part. The outcomes were generalistics wherein it is discussed about CSR activities, employment and improvement in surrounding area in terms of infrastructure for Education, Fire station, Hospital, water availability, etc.</p> <p>Status of public hearing commitment already submitted earlier along with EC compliance report.</p> <p><b>Annexure-A:</b> Photograph of CSR activities</p>
xxiii)	<p>At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.</p>	<p><b>COMPLIED.</b></p> <p>The company is obligated to spend a percentage of its net profit on CSR activities. This allocated amount is utilized in CSR activities all across the country. The amount spent for CSR for the year 2020-21 in Rs. 351 Million. We have initiated various projects from this fund and continued further.</p>
xxiv)	<p>For rain water harvesting from roof top a separate drain line may be constructed upto the recharge well. The Company may also explore the possibility of providing surface water storage to the extent possible for their process use.</p>	<p><b>COMPLIED.</b></p> <p>Roof top rain water harvesting has already been implemented at site. The rain water is collected, screened / filtered and recharged.</p> <p>Additionally rain water harvesting has been done in the surrounding area villages.</p> <p><b>Annexure-A:</b> Photograph of surrounding villages rain water harvesting.</p> <ol style="list-style-type: none"> <li>1. RanuKanya School – Roof Water</li> <li>2. Dabhasa English School – Roof Water</li> <li>3. Ground Water Recharge well in Chittral Lake</li> <li>4. Ground Water Recharge well in Umraya Lake</li> <li>5. Ground Water Recharge well in Dabhasa Lake</li> </ol>



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		6. Check Dam in Shanpur village
xxv)	The Company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/ procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	<b>COMPLIED.</b> The company gives maximum importance to regulatory compliance, and the same is demonstrated in EHS policy signed by the Managing Director attached as <b>Annexure-G</b> . We have implemented International Sustainability Rating System (ISRS) at our site for strengthening of EHS management system further.
xxvi)	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	This point is not applicable as no housing colony proposed at project site.
<b>GENERAL CONDITIONS:</b>		
i)	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	<b>Noted.</b> All the recommendations of Gujarat Pollution Control Board shall be adhered during the implementation phase of project.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional	<b>Noted.</b> For any further expansion prior permission will be taken and there is no deviations or alterations in the project proposal.

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	environmental protection measures required, if any.	
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	<p><b>COMPLIED.</b></p> <p>Ambient air quality is monitored regularly and the same shall be continued. The reports of the same are submitted to GPCB, CPCB and Ministry of Environment, Forest &amp; Climate change. We have also installed the continuous ambient air quality monitoring station.</p> <p>Ambient air monitoring data by MoEF&amp;CC approved laboratory along with summary is attached as <b>Annexure-B (i) and Annexure-C (i).</b></p>
iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p><b>COMPLIED.</b></p> <p>The overall noise levels in and around the plant area is kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation.</p> <p>The ambient noise levels is under the standards prescribed under Environment Protection act, 1986 Rules, 1989 viz. 75 dBA (day time) &amp; 70 dBA (night time).</p> <p>Equipments generating high noise are equipped with Acoustic enclosures; regular maintenance, lubrication and vibration pads are assured for such sources.</p> <p>Noise monitoring data by MoEF&amp;CC approved laboratory is attached as <b>Annexure-B(iii) and Annexure-C(iii).</b></p>
v)	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	<p><b>COMPLIED.</b></p> <p>Roof top rain water harvesting has already been implemented at site. The rain water is collected, screened / filtered and recharged.</p> <p>Additionally rain water harvesting has been done in the surrounding area villages.</p>

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		<p><b>Annexure-A:</b> Photograph of surrounding villages rain water harvesting system.</p> <ol style="list-style-type: none"> <li>1. RanuKanya School – Roof Water</li> <li>2. Dabhasa English School – Roof Water</li> <li>3. Ground Water Recharge well in Chittral Lake</li> <li>4. Ground Water Recharge well in Umraya Lake</li> <li>5. Ground Water Recharge well in Dabhasa Lake</li> <li>6. Check Dam in Shanpur village</li> </ol>
vi)	<p>During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.</p>	<p><b>COMPLIED.</b></p> <p>Transferring of materials is done by fixed pipelines from tanks and flexible pipeline for drums. However, during any spillage adequate provision are done to prevent the material from mixing with storm water drains.</p> <p>All domestic &amp; storm water drains have been segregated. Guard Pond constructed wherein the storm drain passes through the same.</p> <p><b>Annexure-A:</b> Photograph of Guard pond at the final outlet of storm drain.</p>
vii)	<p>Usage of Personnel Protection Equipments by all employees/workers shall be ensured.</p>	<p><b>COMPLIED.</b></p> <p>Personnel protective equipment are provided to all persons, wherever applicable.</p>
viii)	<p>Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.</p>	<p><b>COMPLIED.</b></p> <p>Training is imparted regularly to all employees for safety and health aspects of chemicals handling, firefighting etc. Mock drill is also carried out at regular interval. Training records of the same are maintained.</p> <p>Pre-employment and routine periodical medical examinations for all employees and workers are carried out on regular basis and medical records are maintained. Sample copy of health report is attached for reference as <b>Annexure-F.</b></p>

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ix)	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	<b>COMPLIED.</b> We are committed to comply all the environmental protection measures and safeguards during proposed expansion. EMP, Risk mitigation measures, recommendations in RIEA and points of public hearing proceedings are compiled and reviewed at regular intervals.
x)	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	<b>COMPLIED.</b> The company is obligated to spend a percentage of its net profit on CSR activities. This allocated amount is utilized in CSR activities all across the country. The amount spent for CSR for the year 2020-21 in Rs. 351 Million. We have initiated various projects for CSR activities.
xi)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<b>COMPLIED.</b> Eco-developmental measures including community welfare are part of our CSR programme. <b>Annexure-A:</b> Photographs of CSR activities.
xii)	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<b>COMPLIED.</b> Company has separate Environment Management Cell equipped with full-fledge laboratory facility to carry out environment management & monitoring function. The structural hierarchy of the Environment Management Cell is attached here as <b>Annexure-H.</b>
xiii)	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	<b>COMPLIED.</b> Adequate financial provisions are made to maintain, operate and develop the environmental infrastructure and safe guard.
xiv)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Body and the local	<b>COMPLIED.</b> Copies of clearance letter have been send to Collector office, Vadodara, Taluka Development Officer Padra, Gram

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**ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)**  
**DATED 04.02.2015**



	NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.	Panchayat Dabhasa, individuals / NGO from whom suggestions / representations were received during public consultation.
xv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	<b>Noted.</b> Six monthly Environmental Clearance compliance report is regularly submitted to MoEF Bhopal, GPCB, and CPCB from <u>16.06.15</u> . Copy of Environmental Clearance and latest six monthly compliance status report is available on company website.
xvi)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Offices of MoEF by e-mail.	<b>COMPLIED.</b> Environmental Statement have already been submitted on <u>23.09.2021</u> to Gujarat Pollution Control Board for the FY 2020-21. Copy of the same is attached here as <b>Annexure-I</b> .
xvii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <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.	<b>COMPLIED.</b> The copy of advertisement as published in two newspapers has already been submitted along with first EC compliance report(letter dated 16.05.2015).
xviii)	The project authorities shall inform the Regional Office as well as the Ministry, the	<b>COMPLIED.</b>

**LUPIN LIMITED, DABHASA**  
**COMPLIANCE REPORT**  
**[PERIOD July-21 to Dec-21]**  
**ENVIRONMENT CLEARANCE F. No. J-11011/131/2012- IA II (I)**  
**DATED 04.02.2015**



	date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Construction activities relevant to the project expansion were started in <u>Mar-15</u> . Except few production blocks & utilities, the project has been partially completed till <u>Mar-16</u> . The further requirements / expansions are market driven and may be establish as per the demand and with the EC validation period.
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The following documents are attached.

- Annexure-A : Photographs of Environment Management Systems
- Annexure-B : Summary of Monitoring data
  - (i) Ambient Air
  - (ii) Stack and Process Vent
  - (iii) Noise Monitoring
  - (iv) Work Area Monitoring
- Annexure-C : Monitoring data
  - (i) Ambient Air
  - (ii) Stack and Process Vent
  - (iii) Noise Monitoring
  - (iv) Work Area Monitoring
- Annexure-D : Manifest copy of Hazardous Waste Disposal
- Annexure-E : CC&A Copy
- Annexure-F : Copy of periodic medical reports
- Annexure-G : EHS Policy
- Annexure-H : Details of Environment Management Cell
- Annexure-I : Env. Statement (Form-V) for FY 2020-21

**Annexure-A**  
**Photographs of Environment Management Systems & CSR**

**Organic Waste Composter**



**Natural Resources Conservation**  
**Rain water Harvesting in surrounding villages**



**Guard Pond for Storm Drain**



**Sluice Valve at Strategic locations in storm drain**



**Annexure-A**  
**Photographs of Environment Management Systems & CSR**

**Solid Waste management system**

**Glass Crusher Machine**



**Bale press-MS Drum**



**HDPE drum Crusher Machine**



**Bale press-Plastic**



**Continuous Ambient Air Monitoring System**



**AAQMS Analyzer**





**Annexure-A**  
**Photographs of Environment Management Systems & CSR**

**Odour Mitigation Measures**

**Covering of Equalization Tanks & Scrubbing Mechanism**



**Odour Suppressant System**



**Above Ground Closed High COD Tanks**



**Annexure-A**  
**Photographs of Environment Management Systems & CSR**

**Zero Liquid Discharge Plant**

**Reverse Osmosis Plant**



**Multi Effect Evaporator**



**Scrubber system**



**Condenser on Storage tank**



**Primary And Secondary Condensers for VOC control**

**Annexure-A**  
**Photographs of Environment Management Systems & CSR**



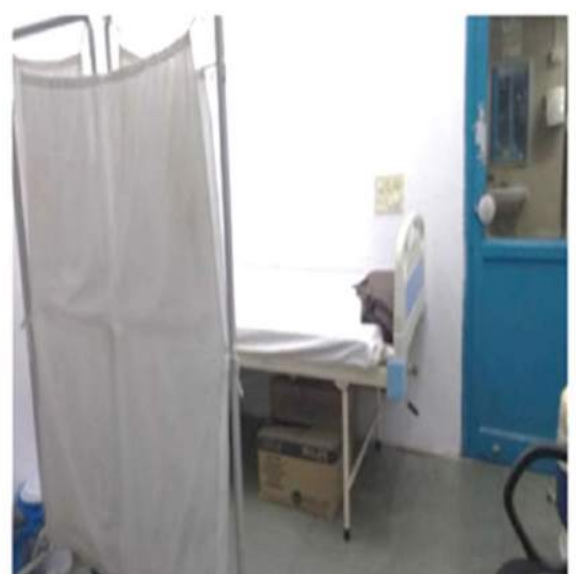
**Acoustic Enclosures of DG Set**



**Fire Hydrant Facility**



**OHC Facility**



**Breather Valves on Each Tank**

**Annexure-A**  
**Photographs of Environment Management Systems & CSR**



Green Belt Development



**Annexure-A**  
**Photographs of Environment Management Systems & CSR**

**Capacity building of self help group**



**Natural farming promotion**



**Women's day celebration**



**General health check up camp**



**Food kit support to TB patient**



**Farmer exposure visit**



CSR activities are consistent at Lupin Ltd., Dabhasa site. A separate cell is formed to maintain the overall Corporate Social Responsibility Cell for the site.

**Annexure-B**  
**Summary of Monitoring Data**

**(i) Ambient Air Monitoring Summary and Report**

LUPIN LIMITED,DABHASA								
STATISTICAL ANALYSIS OF AMBIENT AIR QUALITY MONITORING DATA								
[ANALYSIS DONE BY: M/S POLLUCON LABORATORIES PVT. LTD.,SURAT								
Month	Particulate Matter				Particulate Matter			
	PM 10( $\mu\text{g}/\text{m}^3$ )				PM 2.5( $\mu\text{g}/\text{m}^3$ )			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Jul-21	71.38	63.16	56.24	77.67	33.45	27.82	23.48	35.65
Aug-21	76.75	67.41	61.38	83.42	40.23	31.6	26.41	45.36
Sep-21	71.36	60.38	54.76	75.67	34.54	29.48	28.67	38.64
Oct-21	78.69	65.58	60.38	84.55	42.74	33.92	31.47	43.2
Nov-21	72.32	61.56	66.32	79.36	38.49	29.4	34.85	46.36
Dec-21	78.62	68.42	72.76	86.47	46.34	32.63	39.41	49.51
<b>Minimum</b>	71.36	60.38	54.76	75.67	33.45	27.82	23.48	35.65
<b>Maximum</b>	78.69	68.42	72.76	86.47	46.34	33.92	39.41	49.51
<b>Average</b>	74.85	64.42	61.97	81.19	39.30	30.81	30.72	43.12
Month	Sulphur Dioxide				Nitrogen Dioxide			
	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )				NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Jul-21	13.6	8.64	10.55	14.5	29.43	30.39	25.35	32.44
Aug-21	14.34	12.56	7.69	16.37	33.42	28.64	21.58	35.42
Sep-21	16.35	14.35	11.52	17.67	29.65	25.46	22.42	31.25
Oct-21	17.55	13.55	10.27	15.68	26.39	21.56	18.61	28.62
Nov-21	15.64	18.34	11.33	13.61	28.37	30.46	24.54	33.38
Dec-21	18.46	21.32	13.86	15.65	32.62	32.43	29.41	35.27
<b>Minimum</b>	13.60	8.64	7.69	13.61	26.39	21.56	18.61	28.62
<b>Maximum</b>	18.46	21.32	13.86	17.67	33.42	32.43	29.41	35.42
<b>Average</b>	15.99	14.79	10.87	15.58	29.98	28.16	23.65	32.73
Month	Hydrochloric Acid				Ammonia			
	HCL ( $\mu\text{g}/\text{m}^3$ )				NH <sub>3</sub> ( $\mu\text{g}/\text{m}^3$ )			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Jul-21	ND	ND	ND	ND	ND	ND	ND	ND
Aug-21	ND	ND	ND	ND	2.02	2.45	ND	ND
Sep-21	ND	ND	ND	ND	ND	ND	ND	ND
Oct-21	ND	ND	ND	ND	ND	ND	ND	ND
Nov-21	ND	ND	ND	ND	ND	ND	ND	ND
Dec-21	ND	ND	ND	ND	ND	ND	ND	ND
<b>Minimum</b>	-	-	-	-	-	-	-	-
<b>Maximum</b>	-	-	-	-	-	-	-	-
<b>Average</b>	-	-	-	-	-	-	-	-
Month	Chlorine				Ozone			
	CL <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )				O <sub>3</sub> ( $\mu\text{g}/\text{m}^3$ )			
	Stn-1	Stn-2	Stn-3	Stn-4	Stn-1	Stn-2	Stn-3	Stn-4
Jul-21	ND	ND	ND	ND	22.38	18.35	14.58	15.67
Aug-21	ND	ND	ND	ND	17.56	15.64	11.28	13.53



**Annexure-B**  
**Summary of Monitoring Data**

<b>Station</b>	<b>LOCATIONS</b>	<b>Sampling Date</b>
Stn-1	Main gate terrace	5th July-21, 5th Aug-21, 6th Sept-21, 13th Oct-21, 10th Nov-21, 8th Dec-21
Stn-2	Near S.R.U	5th July-21, 5th Aug-21, 6th Sept-21, 13th Oct-21, 10th Nov-21, 8th Dec-21
Stn-3	New Ware House II (terrace)	5th July-21, 5th Aug-21, 6th Sept-21, 13th Oct-21, 10th Nov-21, 8th Dec-21
Stn-4	E.T.P Terrace	5th July-21, 5th Aug-21, 6th Sept-21, 13th Oct-21, 10th Nov-21, 8th Dec-21

\*Stn: Station, ND: Not detected

Note:

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



**Annexure-B**  
**Summary of Monitoring Data**

**(ii) Stack and Process Vent Monitoring Summary and Report**

LUPIN LIMITED,DABHASA				
[ANALYSIS DONE BY: M/S POLLUCON LABORATORIES PVT. LTD.,SURAT				
Month	BOILER STACK			
	Boiler No.	SPM(mg/Nm <sup>3</sup> )	SO <sub>2</sub> (ppm)	NO <sub>x</sub> (ppm)
Jul-21	5 TPH	60.35	14.35	23.48
Aug-21	5 TPH	75.86	15.94	26.8
	2 TPH	64.36	13.71	24.38
Sep-21	5 TPH	66.34	13.3	21.75
Oct-21	5 TPH	78.62	14.83	25.49
	2 TPH	70.37	11.44	22.64
Nov-21	5 TPH	72.64	15.3	27.43
Dec-21	2 TPH	62.46	12.93	24.16
	5 TPH	68.33	16.17	26.81
<b>Minimum</b>		<b>60.35</b>	<b>11.44</b>	<b>21.75</b>
<b>Maximum</b>		<b>78.62</b>	<b>16.17</b>	<b>27.43</b>
<b>Average</b>		<b>68.81</b>	<b>14.22</b>	<b>24.77</b>

Month	PROCESS VENTS			
	Scrubber No.	SO <sub>2</sub> (mg/Nm <sup>3</sup> )	HCL (mg/Nm <sup>3</sup> )	NH <sub>3</sub> (mg/Nm <sup>3</sup> )
Jul-21	2	2.62	1.06	
	3	4.17	1.64	
	5	3.13	1.36	
	8		1.5	
	9		1.62	
	10		2.22	
Aug-21	2	2.59	0.96	
	3	3.88	1.46	
	5	2.6	1.52	
	6			11.06
	8		1.24	
	9		1.83	
	10		2.78	
	11			17.63
Sep-21	2	3.91	1.06	
	3	4.9	1.62	
	5	3.91	1.26	
	6			13.18
	8		1.46	
	9		1.68	
Oct-21	2	2.93	0.94	
	5	3.49	1.42	
	6			8.84
	8		1.18	

**Annexure-B**  
**Summary of Monitoring Data**

	9		1.76	
	10		2.46	
Nov-21	2	1.96	1.08	
	3	4.89	1.42	
	5	4.34	1.56	
	6			12.71
	8		1.34	
	9		1.86	
Dec-21	6			14.42
	7		1.45	
	8		1.62	
	9		2.04	
	10		2.36	
<b>Minimum</b>		<b>1.96</b>	<b>0.94</b>	<b>8.84</b>
<b>Maximum</b>		<b>4.90</b>	<b>2.78</b>	<b>17.63</b>
<b>Average</b>		<b>3.52</b>	<b>1.57</b>	<b>12.97</b>

**Annexure-B**  
**Summary of Monitoring Data**

**(iii) Noise Monitoring Summary and Report**

<b>LUPIN LIMITED,DABHASA</b>			
<b>ANALYSIS DONE BY: M/S POLLUCON LABORATORIES PVT. LTD.,SURAT</b>			
<b>Sr. No.</b>	<b>Location</b>	<b>06.07.21</b>	<b>13.10.21</b>
		<b>Day Time Leq dB(A)</b>	<b>Day Time Leq dB(A)</b>
1	Near Main Gate	51.5	52.6
2	Near QC/QA-2	47.6	48.6
3	Near Hydro Generator	50.3	53
4	Near Fire Hydrant Tank-2	55.8	57.2
5	Near By New Ware House Boundary	59.7	59.4
6	Near Utility-2(outside)	66.8	63.5
7	Near Store & Admin	54.6	60
8	Near F.O yard	56.3	57
9	Near Solvent area	61.4	56.2
10	Near D.G Area	53.4	63
11	Near Boiler,(Outside)	63.8	63.5
12	Near M1,M2,M3	53.2	63.8
13	Near Decanter	60.2	59.5
14	Near ETP Entrance	58.3	65
15	Near S.R.U-1	61.5	56

**Annexure-B**  
**Summary of Monitoring Data**  
**(iv) Work Area Monitoring Reports**

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

Date	Sr. No.	Location/ operation Mentioned	Identified contaminant	Air borne contamination		Average	TWA concentration(As given in II Schedule) PPM	Reference Method	Number of workers exposed at the location being monitored	Remark
				Nos. of samples	Range PPM	PPM				
				5	6	7				
1	2	3	5	6	7	8	9	10	11	
05.07.21	1	M-4 ground floor intermediate area	Methanol	1	5	5	200	TLV	2	Within range
07.07.21	2	M-3 ground floor intermediate area	IPA	1	15	15	200	TLV	2	Within range
29.07.21	3	M-2 Ground flooe ANF-401	Ethyl Acetate	1	10	10	400	TLV	2	Within range
01.08.21	1	P-0 plant ground floor	IPA	1	5	5	200	TLV	2	Within range
03.08.21	2	P-1 ground floor methonol charging	Methanol	1	25	25	200	TLV	2	Within range
06.08.21	3	P-2 plant first floor methonol charging	Methanol	1	15	15	200	TLV	2	Within range
08.08.21	4	P-1 SRU first floor	IPA	1	0	0	200	TLV	2	Within range
11.08.21	5	New tank farm area	Methanol	1	10	10	200	TLV	1	Within range
08.09.21	1	M-1 ground floor intermediate area	Ethyl Acetate	1	20	20	400	TLV	2	Within range

**Annexure-B**  
**Summary of Monitoring Data**

Date	Sr. No.	Location/ operation Mentioned	Identified contaminant	Air borne contamination		Average	TWA concentration(As given in II Schedule) PPM	Reference Method	Number of workers exposed at the location being monitored	Remark
				Nos. of samples	Range	PPM				
					PPM					
1	2	3	5	6	7	8	9	10	11	
18.09.21	2	P-4 plant CF=1101 area	Methanol	1	5	5	200	TLV	2	Within range
21.09.21	3	DPDA wash are	Methanol	1	10	10	200	TLV	1	Within range
15.10.21	1	M-4 plant intermediate area	Methanol	1	15	15	200	TLV	2	Within range
18.10.21	2	M-2 plant Ground floor intermediate area	Ethyl Acetate	1	10	10	400	TLV	2	Within range
31.10.21	3	M-3 ground floor internediate area	IPA	1	25	25	200	TLV	2	Within range
02.11.21	1	P-0 plant ground floor	Methanol	1	5	5	200	TLV	2	Within range
02.11.21	2	P-1 plant flooe reactor area	Methanol	1	10	10	200	TLV	2	Within range
07.11.21	3	P-2 plant first floor intermediate area	IPA	1	15	15	200	TLV	2	Within range
08.11.21	4	WH-1 tank farm area	Ethyl Acetate	1	5	5	400	TLV	2	Within range
26.11.21	5	ADL first floor lab area	Methanol	1	5	5	200	TLV	5	Within range

**Annexure-B**  
**Summary of Monitoring Data**

Date	Sr. No.	Location/	Identified contaminant	Air borne contamination		Average	TWA concentration(As given in II Schedule) PPM	Reference Method	Number of workers exposed at the location being monitored	Remark
		operation Mentioned		Nos. of samples	Range	PPM				
					PPM					
1	2	3	5	6	7	8	9	10	11	
05.12.21	1	P-3 first floor reactor room	IPA	1	10	10	200	TLV	2	Within range
08.12.21	2	P-4 plant CF=1101 area	Methanol	1	15	15	200	TLV	2	Within range
08.12.21	3	M-1 plant ground floor CF room	Ethyl Acetate	1	5	5	400	TLV	2	Within range
16.12.21	4	PDL lab wash area ground floor	Methanol	1	15	15	200	TLV	1	Within range

**TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING**

Customer's Name and Address :

QF/7.8/07-AQ

Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0103</b> Issue Date : <b>12/07/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
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Sampling Location : <b>Main Gate Terrace</b>	GPS Location : <b>N-22° 15.441' E-73° 02.438'</b>
Date of Sampling : <b>05/07/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>06/07/2021</b>	Lab ID : <b>L/2107/01 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>06/07/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>12/07/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	71.38	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	33.45	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	13.60	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	29.43	80	80	IS 5182 (Part-6): 2017
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2014
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	22.38	NS*	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.53	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

\*Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020, ^§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

§: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 (µg/m<sup>3</sup>), Chlorine as Cl<sub>2</sub>: 150 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.**Ravi Janiwala**  
Sr. Environmental Scientist  
**Dr. Arun Bajpai**  
Lab Manager (Q)

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


**POLLUCON LABORATORIES PVT. LTD.**
**TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING**

Customer's Name and Address :

QF/7.8/07-AQ

Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0105</b>
	Issue Date : <b>12/07/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>S.R.U.-1</b>	GPS Location : <b>N-22° 15.436' E-73° 02.337'</b>
Date of Sampling : <b>05/07/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>06/07/2021</b>	Lab ID : <b>L/2107/03 [A-3]</b>
Date of Starting of Test <sup>^</sup> : <b>06/07/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>12/07/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	63.16	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	27.82	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	8.64	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	30.39	80	80	IS 5182 (Part-6): 2017
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2014
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	18.35	NS*	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.55	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020, ^§: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi. Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 (µg/m<sup>3</sup>), Chlorine as Cl<sub>2</sub>: 150 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

  
**Ravi Jariwala**  
 Sr. Environmental Scientist

  
**Dr. Arun Bajpai**  
 Lab Manager (Q)

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

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




**POLLUCON LABORATORIES PVT. LTD.**
**TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING**

Customer's Name and Address :

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Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0104</b>
	Issue Date : <b>12/07/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location	: <b>New Ware House II (Terrace)</b>	Sampling Procedure:	: <b>As per table</b>
Date of Sampling	: <b>05/07/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>L/2107/02 [A-J]</b>
Sample Receipt Date	: <b>06/07/2021</b>	Sampling Duration	: <b>24 Hrs.</b>
Date of Starting of Test	: <b>06/07/2021</b>	Test Method	: <b>As per table</b>
Date of Completion of Test	: <b>12/07/2021</b>		

**RESULT TABLE**

S.R. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	56.24	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	23.48	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	10.55	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	25.35	80	80	IS 5182 (Part-6): 2017
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2014
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	14.58	NS*	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.40	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

# limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020. ^: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.  
 @: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.  
 Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 (µg/m<sup>3</sup>), Chlorine as Cl<sub>2</sub>: 150 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0106</b>
	Issue Date : <b>12/07/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>ETP Terrace</b>	GPS Location : <b>N-22° 15.246' E-73° 02.225'</b>
Date of Sampling : <b>05/07/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>06/07/2021</b>	Lab ID : <b>L/2107/04 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>06/07/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>12/07/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

Sr. No.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>+</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	77.67	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	35.65	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	14.50	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	32.44	80	80	IS 5182 (Part-6): 2017
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2014
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	15.67	NS*	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.34	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020, ^§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

§: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 (µg/m<sup>3</sup>), Chlorine as Cl<sub>2</sub>: 150 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

  
**Ravi Jariwala**

**Sr. Environmental Scientist**

  
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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

Test Report No. : **PL/L 0117**  
 Issue Date : **12/08/2021**  
 Customer's Ref. : **P.O.NO 3100223914**  
 Date: **27.04.2021**

Sampling Location : **Main Gate Terrace**      GPS Location : **N-22° 15.441' E-73° 02.438'**  
 Date of Sampling : **05/08/2021**      Sampling Procedure: **As per table**  
 Sampling By : **Pollucon Laboratories Pvt. Ltd.**      Protocol (purpose) : **Ambient Air Quality Monitoring**  
 Sample Receipt Date^ : **06/08/2021**      Lab ID : **L/2108/01 [A-J]**  
 Date of Starting of Test^ : **06/08/2021**      Sampling Duration : **24 Hrs.**  
 Date of Completion of Test : **12/08/2021**      Test Method : **As per table**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	76.75	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	40.23	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	14.34	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	33.42	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	2.02	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>‡</sup>	µg/m <sup>3</sup>	17.56	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.62	NS*	4.0	IS 5182 (Part-10): 2017
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

^Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020, †Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, ‡: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and Other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi. Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>.

**Ravi Janiwal**  
 Sr. Environmental Scientist

**Dr. Arun Bajpai**  
 Lab Manager (Q)

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


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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0119</b>
	Issue Date : <b>12/08/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>S.R.U.-1</b>	GPS Location : <b>N-22° 15.436' E-73° 02.337'</b>
Date of Sampling : <b>05/08/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>06/08/2021</b>	Lab ID : <b>L/2108/03 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>06/08/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>12/08/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	67.41	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	31.60	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	12.56	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	28.64	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 25A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	2.45	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	15.64	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>‡</sup>	mg/m <sup>3</sup>	0.63	NS*	4.0	IS 5182 (Part-10): 2017
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020, ^: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>.

Ravi Jariwala

Sr. Environmental Scientist

Dr. Arun Bajpai  
Lab Manager (Q)

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**TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING**

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0118</b>
	Issue Date : <b>12/08/2021</b>
	Customer's Ref. : <b>P.O.No 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location	: <b>New Ware House II (Terrace)</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>05/08/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>L/2108/02 [A-3]</b>
Sample Receipt Date	: <b>06/08/2021</b>	Sampling Duration	: <b>24 Hrs.</b>
Date of Starting of Test	: <b>06/08/2021</b>	Test Method	: <b>As per table</b>
Date of Completion of Test	: <b>12/08/2021</b>		

**RESULT TABLE**

Sr. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	61.38	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	26.41	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	7.69	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	21.58	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>^</sup>	µg/m <sup>3</sup>	11.28	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.48	NS*	4.0	IS 5182 (Part-10): 2017
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020, ^\$:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample analyzed on same Day.

§: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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

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Customer's Name and Address :

QF/7.8/07-AQ

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M/s. LUPIN LTD. BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.	Test Report No. : <b>PL/L 0120</b> Issue Date : <b>12/08/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
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Sampling Location : <b>ETP Terrace</b>	GPS Location : <b>N-22° 15.246' E-73° 02.225'</b>
Date of Sampling : <b>05/08/2021</b>	Sampling Procedure : <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>06/08/2021</b>	Lab ID : <b>L/2108/04 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>06/08/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>12/08/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	83.42	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	45.36	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	16.37	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	35.42	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	13.53	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.40	NS*	4.0	IS 5182 (Part-10): 2017
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

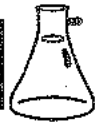
#Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020, ^§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi. Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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

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Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0130</b>
	Issue Date : <b>16/09/2021</b>
	Customer's Ref. : <b>P.O:NO 3100223914</b> <b>Date: 27.04.2021</b>

Sampling Location : <b>Main Gate Terrace</b>	GPS Location : <b>N-22° 15.441' E-73° 02.438'</b>
Date of Sampling : <b>06/09/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>07/09/2021</b>	Lab ID : <b>L/2109/01 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>07/09/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>13/09/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

S.R. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	71.36	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	37.54	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	16.35	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	29.65	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	21.37	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.60	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.  
 @: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.  
 Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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

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Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0132</b>
	Issue Date : <b>16/09/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>S.R.U.-1</b>	GPS Location : <b>N-22° 15.436' E-73° 02.337'</b>
Date of Sampling : <b>06/09/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>07/09/2021</b>	Lab ID : <b>L/2109/03 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>07/09/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>13/09/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	60.38	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	29.48	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	14.35	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	25.46	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	18.41	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>‡</sup>	mg/m <sup>3</sup>	0.53	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, ‡: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0131</b>
	Issue Date : <b>16/09/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location	: <b>New Ware House II (Terrace)</b>	Sampling Procedure:	<b>As per table</b>
Date of Sampling	: <b>06/09/2021</b>	Protocol (purpose) :	<b>Ambient Air Quality Monitoring</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>L/2109/02 [A-J]</b>
Sample Receipt Date <sup>^</sup>	: <b>07/09/2021</b>	Sampling Duration :	<b>24 Hrs.</b>
Date of Starting of Test <sup>^</sup>	: <b>07/09/2021</b>	Test Method	: <b>As per table</b>
Date of Completion of Test	: <b>13/09/2021</b>		

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	54.76	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	28.67	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	11.52	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	22.42	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	13.41	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.41	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^§: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

§: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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

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## TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

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Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0133</b> Issue Date : <b>16/09/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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Sampling Location : <b>ETP Terrace</b>	GPS Location : <b>N-22° 15.246' E-73° 02.225'</b>
Date of Sampling : <b>06/09/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>07/09/2021</b>	Lab ID : <b>L/2109/04 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>07/09/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>13/09/2021</b>	Test Method : <b>As per table</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	75.67	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.64	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	17.67	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	31.25	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	15.36	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.33	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^§: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

§: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

  
**Ravi Jariwala**

**Sr. Environmental Scientist**

  
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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

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Customer's Name and Address :

M/s. LUPIN LTD. BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.	Test Report No. : <b>PL/L 0144</b>
	Issue Date : <b>25/10/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>Main Gate Terrace</b>	GPS Location : <b>N-22° 15.441' E-73° 02.438'</b>
Date of Sampling : <b>13/10/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date : <b>14/10/2021</b>	Lab ID : <b>L/2110/01 [A-J]</b>
Date of Starting of Test : <b>14/10/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>20/10/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	78.69	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	42.74	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	17.55	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	26.39	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	24.24	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.69	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

§: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.
  
**Ravi Jariwala**  
 Sr. Environmental Scientist

  
**Dr. Arjun Bajpai**  
 Lab Manager (Q)

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0146</b>
	Issue Date : <b>25/10/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>S.R.U.-1</b>	GPS Location : <b>N-22° 15.436' E-73° 02.337'</b>
Date of Sampling : <b>13/10/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>14/10/2021</b>	Lab ID : <b>L/2110/03 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>14/10/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>20/10/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT*	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	65.58	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	33.92	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	13.55	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	21.56	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	19.52	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.62	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

 #Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^§: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

 @: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.  
 Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.



**Ravi Jariwala**  
**Sr. Environmental Scientist**
**Dr. Arjun Bajpai**  
**Lab Manager (Q)**

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0145</b>
	Issue Date : <b>25/10/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location	: <b>New Ware House II (Terrace)</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>13/10/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>L/2110/02 [A-J]</b>
Sample Receipt Date	: <b>14/10/2021</b>	Sampling Duration	: <b>24 Hrs.</b>
Date of Starting of Test	: <b>14/10/2021</b>	Test Method	: <b>As per table</b>
Date of Completion of Test	: <b>20/10/2021</b>		

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT*	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	60.38	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	31.47	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	10.27	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	18.61	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	15.62	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.55	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jankiwala**  
Sr. Environmental Scientist

**Dr. Arjun Bajpai**  
Lab Manager (Q)

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0147</b>
	Issue Date : <b>25/10/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>ETP Terrace</b>	GPS Location : <b>N-22° 15.246' E-73° 02.225'</b>
Date of Sampling : <b>13/10/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>14/10/2021</b>	Lab ID : <b>L/2110/04 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>14/10/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>20/10/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	84.55	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	43.20	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	15.68	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	28.62	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	18.63	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>‡</sup>	mg/m <sup>3</sup>	0.50	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

<sup>#</sup>Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, <sup>^</sup>§: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

<sup>‡</sup>: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

<sup>@</sup>: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

 Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.



**Ravi Jariwala**  
 Sr. Environmental Scientist



**Dr. Arun Bajpai**  
 Lab Manager (Q)

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

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## TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

Customer's Name and Address :

 QF/7.8/07-AQ  
Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0167</b> Issue Date : <b>26/11/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
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Sampling Location : <b>Main Gate Terrace</b>	GPS Location : <b>N-22° 15.441' E-73° 02.438'</b>
Date of Sampling : <b>10/11/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date : <b>12/11/2021</b>	Lab ID : <b>L/2111/01 [A-J]</b>
Date of Starting of Test : <b>12/11/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>18/11/2021</b>	Test Method : <b>As per table</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT#	LIMIT®	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	72.32	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.49	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	15.64	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	28.37	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>‡</sup>	µg/m <sup>3</sup>	20.34	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.62	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, †: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov, 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.  
 Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.



**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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


**TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING**

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0169</b>
	Issue Date : <b>26/11/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>S.R.U.-1</b>	GPS Location : <b>N-22° 15.436' E-73° 02.337'</b>
Date of Sampling : <b>10/11/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date ^ : <b>12/11/2021</b>	Lab ID : <b>L/2111/03 [A-J]</b>
Date of Starting of Test ^ : <b>12/11/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>18/11/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT*	LIMIT®	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	61.56	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	29.40	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	18.34	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	30.46	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>‡</sup>	µg/m <sup>3</sup>	17.52	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.54	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^‡:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.  
 ®: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.  
 Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
 Sr. Environmental Scientist


  
**Dr. Arun Bajpai**  
 Lab Manager (Q)

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

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M/s. LUPIN LTD. BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.	Test Report No. :	PL/L 0168
	Issue Date :	26/11/2021
	Customer's Ref. :	P.O.NO 3100223914
		Date: 27.04.2021

Sampling Location :	New Ware House II (Terrace)	
Date of Sampling :	10/11/2021	Sampling Procedure: As per table
Sampling By :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : Ambient Air Quality Monitoring
Sample Receipt Date <sup>^</sup> :	12/11/2021	Lab ID : L/2111/02 [A-J]
Date of Starting of Test <sup>^</sup> :	12/11/2021	Sampling Duration : 24 Hrs.
Date of Completion of Test :	18/11/2021	Test Method : As per table

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>^</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	66.32	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	34.85	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	11.33	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	24.54	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	12.41	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.49	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

<sup>#</sup>limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025. <sup>^</sup>§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

<sup>§</sup>: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

<sup>@</sup>: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.



**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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

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M/s. LUPIN LTD.

**BLOCK NO. 21, VILLAGE DABHASA,  
TAL: PADRA, DIST: VADODARA.**
Test Report No. : **PL/L 0170**Issue Date : **26/11/2021**Customer's Ref. : **P.O.NO 3100223914  
Date: 27.04.2021**

Sampling Location	: ETP Terrace	GPS Location	: N-22° 15.246' E-73° 02.225'
Date of Sampling	: 10/11/2021	Sampling Procedure	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: Ambient Air Quality Monitoring
Sample Receipt Date	: 12/11/2021	Lab ID	: L/2111/04 [A-J]
Date of Starting of Test	: 12/11/2021	Sampling Duration	: 24 Hrs.
Date of Completion of Test	: 18/11/2021	Test Method	: As per table

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	79.36	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	46.36	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	13.61	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	33.38	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>‡</sup>	µg/m <sup>3</sup>	14.38	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>‡</sup>	mg/m <sup>3</sup>	0.41	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

# Limit as per Consent Order No. AW/113866, Dated: 22/07/2021, valid up to 30/09/2025, ^‡: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

‡: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.Defection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.


**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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

● FSSAI Approved Lab

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Sec. 12 of Environmental (Protection) Act-1986● GPCB approved  
schedule II auditor

● ISO 14001

● ISO 45001

● ISO 9001

**"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,  
Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.**

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



**TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING**

QF/7.8/07-AQ  
Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0180</b>
	Issue Date : <b>20/12/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

Sampling Location : <b>Main Gate Terrace</b>	GPS Location : <b>N-22° 15.441' E-73° 02.438'</b>
Date of Sampling : <b>08/12/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>09/12/2021</b>	Lab ID : <b>L/2112/01 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>09/12/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>15/12/2021</b>	Test Method : <b>As per table</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	78.62	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	46.34	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	18.46	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	32.62	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	19.76	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.50	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

<sup>#</sup>Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, <sup>^</sup>§: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, <sup>§</sup>: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.  
<sup>@</sup>: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.  
 Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
 Sr. Environmental Scientist

**Dr. Arun Bajpai**  
 Lab Manager (Q)

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 Sec. 12 of Environmental (Protection) Act-1986 ● schedule II auditor

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## TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

QF/7.8/07-AQ

Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	<b>Test Report No. : PL/L 0182</b> <b>Issue Date : 20/12/2021</b> <b>Customer's Ref. : P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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<b>Sampling Location : S.R.U.-1</b> <b>Date of Sampling : 08/12/2021</b> <b>Sampling By : Pollucon Laboratories Pvt. Ltd.</b> <b>Sample Receipt Date<sup>^</sup> : 09/12/2021</b> <b>Date of Starting of Test<sup>^</sup> : 09/12/2021</b> <b>Date of Completion of Test : 15/12/2021</b>	<b>GPS Location : N-22° 15.436' E-73° 02.337'</b> <b>Sampling Procedure: As per table</b> <b>Protocol (purpose) : Ambient Air Quality Monitoring</b> <b>Lab ID : L/2112/03 [A-J]</b> <b>Sampling Duration : 24 Hrs.</b> <b>Test Method : As per table</b>
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### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>*</sup>	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	68.42	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	32.63	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	21.32	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	32.43	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>‡</sup>	µg/m <sup>3</sup>	15.13	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.45	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^s:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day,

§: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

®: Industrial, Residential, Rural and other Area Notification Dated 16<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb: 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>,

Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

**Ravi Jariwala**  
**Sr. Environmental Scientist**

**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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

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## TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

QF/7.8/07-AQ

Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	<b>Test Report No. : PL/L 0181</b> <b>Issue Date : 20/12/2021</b> <b>Customer's Ref. : P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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Sampling Location :	New Ware House II (Terrace)		
Date of Sampling :	08/12/2021	Sampling Procedure :	As per table
Sampling By :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date <sup>^</sup> :	09/12/2021	Lab ID :	L/2112/02 [A-J]
Date of Starting of Test <sup>^</sup> :	09/12/2021	Sampling Duration :	24 Hrs.
Date of Completion of Test :	15/12/2021	Test Method :	As per table

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	72.76	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	39.41	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	13.86	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	29.41	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	11.62	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.39	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

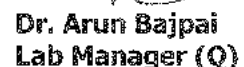
#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025. ^§:Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.

Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

  
**Ravi Jariwala**

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**Lab Manager (Q)**

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## TEST CERTIFICATE FOR AMBIENT AIR QUALITY MONITORING

QF/7.8/07-AQ

Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	<b>Test Report No. : PL/L 0183</b> <b>Issue Date : 20/12/2021</b> <b>Customer's Ref. : P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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Sampling Location : <b>ETP Terrace</b>	GPS Location : <b>N-22° 15.246' E-73° 02.225'</b>
Date of Sampling : <b>08/12/2021</b>	Sampling Procedure: <b>As per table</b>
Sampling By : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date <sup>^</sup> : <b>09/12/2021</b>	Lab ID : <b>L/2112/04 [A-J]</b>
Date of Starting of Test <sup>^</sup> : <b>09/12/2021</b>	Sampling Duration : <b>24 Hrs.</b>
Date of Completion of Test : <b>15/12/2021</b>	Test Method : <b>As per table</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	86.47	100	100	IS 5182 (Part-23): 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	49.51	60	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Oxides of Sulphur as SO <sub>2</sub>	µg/m <sup>3</sup>	15.65	80	80	IS 5182 (Part-2): 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	35.37	80	80	IS 5182 (Part-6): 2014
5	Hydrochloric Acid as HCl	µg/m <sup>3</sup>	Not Detected	200	NS*	USEPA 26A & SOP HCl - 01
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	480	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	100	NS*	IS 5182 (Part-19): 2005
8	Ozone as O <sub>3</sub> <sup>§</sup>	µg/m <sup>3</sup>	16.46	NS*	180	IS 5182 (Part-9): 2005
9	Lead as Pb	µg/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Carbon Monoxide as CO <sup>§</sup>	mg/m <sup>3</sup>	0.34	NS*	4.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	5.0	IS 5182 (Part-11): 2017
12	Benzo (a) Pyrene (BaP) particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	6.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
14	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	20	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)

#limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025, ^§: Ozone (O<sub>3</sub>) sampling duration 1 hrs and sample Analyzed on same Day, §: Carbon Monoxide as CO sampling duration 1 hrs. NS\*: Not Specified.

@: Industrial, Residential, Rural and other Area Notification Dated 18<sup>th</sup> Nov. 2009 as per national Ambient Air Quality Standards, CPCB New Delhi.  
 Detection Limit, Lead as Pb : 0.1 µg/m<sup>3</sup>, Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Nickel as Ni: 5.0 ng/m<sup>3</sup>, Hydro Chloric Acid As HCl: 5.0 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15 µg/m<sup>3</sup>, Ammonia (NH<sub>3</sub>): 2.0 µg/m<sup>3</sup>.

  
**Ravi Jariwala**

**Sr. Environmental Scientist**

  
**Dr. Afun Bajpai**  
**Lab Manager (Q)**

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● CPCB approved ISO 45001

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**TEST CERTIFICATE FOR PROCESS STACK MONITORING**

Customer's Name and Address :

QF/7.8/07-ST

Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0107</b> Issue Date : <b>09/07/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
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**STACK DETAILS**

Location of Sampling	: <b>Scrubber No.-2</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>200 mm</b>
Date of Sampling	: <b>05/07/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>06/07/2021</b>	Lab ID.	: <b>L/2107/05 [A-B]</b>
Date of Starting of Test	: <b>06/07/2021</b>	Date of Completion	: <b>09/07/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	2.62	40	IS 11255 (Part-2): 2014
2	HCl	mg/Nm <sup>3</sup>	1.06	20	USEPA 26 A : 1996

#Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

\*\*Details provided by customer.

**Ravi Jariwala**  
**Sr. Environmental Scientist**  
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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


**POLLUCON** LABORATORIES PVT. LTD.

## TEST CERTIFICATE FOR PROCESS STACK MONITORING

Customer's Name and Address :

QF/7.8/07-ST

Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0108</b> Issue Date : <b>09/07/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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### STACK DETAILS

Location of Sampling	: <b>Scrubber No. 3</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>150 mm</b>
Date of Sampling	: <b>05/07/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>06/07/2021</b>	Lab ID.	: <b>L/2107/06 [A-B]</b>
Date of Starting of Test	: <b>06/07/2021</b>	Date of Completion	: <b>09/07/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
1	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	4.17	40	IS 11255 (Part-2): 2014
2	HCl	mg/Nm <sup>3</sup>	1.64	20	USEPA 26 A : 1996

<sup>#</sup>Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

<sup>\*\*</sup>Details provided by customer.



**Ravi Jariwala**  
 Sr. Environmental Scientist



**Dr. Arun Bajpai**  
 Lab Manager (Q)

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

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0112</b> Issue Date : <b>10/07/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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### STACK DETAILS

Location of Sampling	: <b>Scrubber No.- 5</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>06/07/2021</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>07/07/2021</b>	Lab ID.	: <b>L/2107/10 [A-B]</b>
Date of Starting of Test	: <b>07/07/2021</b>	Date of Completion	: <b>10/07/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.36	20	USEPA 26 A:1996
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	3.13	40	IS 11255 (Part-2): 2014

#Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

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**Ravi Jariwala**  
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**Dr. Arun Bajpai**  
 Lab Manager (Q)

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	<b>Test Report No. : PL/L 0110</b> <b>Issue Date : 10/07/2021</b> <b>Customer's Ref. : P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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### STACK DETAILS & RESULT

Location of Sampling	: Scrubber No. 08	Sampling Procedure	: As per table
Stack Height **	: 20 Meter	Stack Dia**	: 500 mm
Date of Sampling	: 06/07/2021	Protocol (purpose)	: Process Stack Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Test Method	: As per table
Sample Receipt Date	: 07/07/2021	Lab ID.	: L/2107/08
Date of Starting of Test	: 07/07/2021	Date of Completion	: 10/07/2021

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.50	20	USEPA 26 A : 1996

\*Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

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**Ravi Jariwala**  
 Sr. Environmental Scientist

  
**Dr. Arun Bajpai**  
 Lab Manager (Q)

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No.:	<b>PL/L 0111</b>
	Issue Date :	<b>10/07/2021</b>
	Customer's Ref.:	<b>P.O.NO 3100223914</b>
		<b>Date: 27.04.2021</b>

### STACK DETAILS & RESULT

Location of Sampling	: <b>Scrubber No.- 9</b>	Sampling Procedure :	<b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>06/07/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>07/07/2021</b>	Lab ID.	: <b>L/2107/09</b>
Date of Starting of Test	: <b>07/07/2021</b>	Date of Completion	: <b>10/07/2021</b>

### RESULT TABLE

Sr. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.62	20	USEPA 26 A:1996

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**Ravi Jariwala**  
**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
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	Issue Date :	<b>09/07/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

**STACK DETAILS & RESULT**

Location of Sampling :	<b>Scrubber No. 10</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>05/07/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>06/07/2021</b>	Lab ID. :	<b>L/2107/07</b>
Date of Starting of Test :	<b>06/07/2021</b>	Date of Completion :	<b>09/07/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	2.22	20	USEPA 26 A:1996

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**Ravi Jariwala**  
**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
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**STACK DETAILS**

Location of Sampling	: <b>Scrubber No.-2</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>200 mm</b>
Date of Sampling	: <b>05/08/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>06/08/2021</b>	Lab ID.	: <b>L/2108/08 [A-B]</b>
Date of Starting of Test	: <b>06/08/2021</b>	Date of Completion	: <b>09/08/2021</b>

**RESULT TABLE**

<b>SR. NO.</b>	<b>TEST PARAMETER</b>	<b>UNIT</b>	<b>RESULTS</b>	<b>GPCB LIMIT*</b>	<b>TEST / SAMPLING METHOD</b>
1	HCl	mg/Nm <sup>3</sup>	0.96	20	USEPA 26 A : 1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	2.59	40	IS 11255 (Part-2): 2017

\*Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

\*\*Details provided by customer.

**Ravi Dariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0125</b>
	Issue Date :	<b>09/08/2021</b>
	Customer's Ref. :	<b>F.O.NO 3100223914</b> Date: <b>27.04.2021</b>

**STACK DETAILS**

Location of Sampling :	<b>Scrubber No. 3</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>150 mm</b>
Date of Sampling :	<b>05/08/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>06/08/2021</b>	Lab ID. :	<b>L/2108/09 [A-B]</b>
Date of Starting of Test :	<b>06/08/2021</b>	Date of Completion :	<b>09/08/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.46	20	USEPA 26 A : 1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	3.88	40	IS 11255 (Part-2): 2017

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**Ravi Jariwala**  
**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0129</b>
	Issue Date :	<b>10/08/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b>
		<b>Date: 27.04.2021</b>

**STACK DETAILS**

Location of Sampling :	<b>Scrubber No.- 5</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>06/08/2021</b>	Protocol (purpose) :	<b>Stack Gas Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>07/08/2021</b>	Lab ID. :	<b>L/2108/14 [A-B]</b>
Date of Starting of Test :	<b>07/08/2021</b>	Date of Completion :	<b>10/08/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.52	20	USEPA 26 A:1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	2.60	40	IS 11255 (Part-2): 2017

\*Limit as per Consent Order No. AWI-75502, Dated: 05/12/2015, valid up to 04/12/2020

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**Ravi Jatiwala**  
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**Lab Manager (Q)**

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0128</b>
	Issue Date :	<b>10/08/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b>
	Date:	<b>27.04.2021</b>

**STACK DETAILS**

Location of Sampling	: <b>Scrubber No.- 6</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>06/08/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>07/08/2021</b>	Lab ID.	: <b>L/2108/13</b>
Date of Starting of Test	: <b>07/08/2021</b>	Date of Completion	: <b>10/08/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	11.06	175	IS 11255 (Part-6): 2014

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**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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	Issue Date :	<b>09/08/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

**STACK DETAILS & RESULT**

Location of Sampling :	<b>Scrubber No. 08</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>05/08/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>06/08/2021</b>	Lab ID. :	<b>L/2108/12</b>
Date of Starting of Test :	<b>06/08/2021</b>	Date of Completion :	<b>09/08/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.24	20	USEPA 26 A : 1999

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\*\*Details provided by customer.

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**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No.:	<b>PL/L 0126</b>
	Issue Date :	<b>09/08/2021</b>
	Customer's Ref.:	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

### STACK DETAILS & RESULT

Location of Sampling	: <b>Scrubber No.- 9</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>05/08/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>06/08/2021</b>	Lab ID.	: <b>L/2108/10</b>
Date of Starting of Test	: <b>06/08/2021</b>	Date of Completion	: <b>09/08/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.83	20	USEPA 26 A:1999

#Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No.:	<b>PL/L 0123</b>
	Issue Date :	<b>09/08/2021</b>
	Customer's Ref.:	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

### STACK DETAILS & RESULT

Location of Sampling	: <b>Scrubber No. 10</b>	Sampling Procedure :	<b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling	: <b>05/08/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date	: <b>06/08/2021</b>	Lab ID. :	<b>L/2108/07</b>
Date of Starting of Test	: <b>06/08/2021</b>	Date of Completion :	<b>09/08/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	2.78	20	USEPA 26 A:1999

#Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

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**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
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	Issue Date :	<b>09/08/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b>
		<b>Date: 27.04.2021</b>

### STACK DETAILS

Location of Sampling :	<b>Scrubber No.- 11</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>80 mm</b>
Date of Sampling :	<b>05/08/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>06/08/2021</b>	Lab ID. :	<b>L/2108/11</b>
Date of Starting of Test :	<b>06/08/2021</b>	Date of Completion :	<b>09/08/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	17.63	175	IS 11255 (Part-6): 2014

#Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

\*\*Details provided by customer.

**Ravi Jariwala**  
 Sr. Environmental Scientist



**Dr. Arun Bajpai**  
 Lab Manager (Q)

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

## TEST CERTIFICATE FOR PROCESS STACK MONITORING

QF/7.8/07-ST

Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0135</b> Issue Date : <b>16/09/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <span style="font-size: small;">Date: 27.04.2021</span>
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### STACK DETAILS

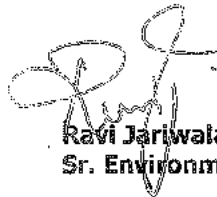
Location of Sampling	: <b>Scrubber No.-2</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>200 mm</b>
Date of Sampling	: <b>06/09/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>07/09/2021</b>	Lab ID.	: <b>L/2109/06 [A-B]</b>
Date of Starting of Test	: <b>07/09/2021</b>	Date of Completion	: <b>10/09/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.06	20	USEPA 26 A : 1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	3.91	40	IS 11255 (Part-2): 2017

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

\*\*Details provided by customer.



**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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


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Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0136</b>
	Issue Date :	<b>16/09/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

**STACK DETAILS**

Location of Sampling :	<b>Scrubber No. 3</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>150 mm</b>
Date of Sampling :	<b>06/09/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>07/09/2021</b>	Lab ID. :	<b>L/2109/07 [A-B]</b>
Date of Starting of Test :	<b>07/09/2021</b>	Date of Completion :	<b>10/09/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.62	20	USEPA 26 A : 1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	4.90	40	IS 11255 (Part-2): 2017

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

**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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Customer's Name and Address :

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

Test Report No. : PL/L 0143  
Issue Date : 16/09/2021  
Customer's Ref. : P.O.NO 3100223914  
Date: 27.04.2021

**STACK DETAILS**

Location of Sampling	: Scrubber No.- 5	Sampling Procedure	: As per table
Stack Height **	: 20 Meter	Stack Dia**	: 500 mm
Date of Sampling	: 07/09/2021	Protocol (purpose)	: Stack Gas Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Test Method	: As per table
Sample Receipt Date	: 08/09/2021	Lab ID.	: L/2109/17 [A-B]
Date of Starting of Test	: 08/09/2021	Date of Completion	: 10/09/2021

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.26	20	USEPA 26 A:1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	3.91	40	IS 11255 (Part-2): 2017

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

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**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0137</b>
	Issue Date :	<b>16/09/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

**STACK DETAILS**

Location of Sampling :	<b>Scrubber No.- 6</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>06/09/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>07/09/2021</b>	Lab ID. :	<b>L/2109/08</b>
Date of Starting of Test :	<b>07/09/2021</b>	Date of Completion :	<b>10/09/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	13.18	175	IS 11255 (Part-6): 2014

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

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**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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Customer's Name and Address :

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

 Test Report No. : **PL/L 0138**  
 Issue Date : **16/09/2021**  
 Customer's Ref. : **P.O.NO 3100223914**  
 Date: **27.04.2021**
**STACK DETAILS & RESULT**

Location of Sampling	: <b>Scrubber No. 08</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>06/09/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>07/09/2021</b>	Lab ID.	: <b>L/2109/09</b>
Date of Starting of Test	: <b>07/09/2021</b>	Date of Completion	: <b>10/09/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.46	20	USEPA 26 A : 1999

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

**Dr. Arun Bajpai**  
 Lab Manager (Q)

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0139</b> Issue Date : <b>16/09/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
---	---

### STACK DETAILS & RESULT

Location of Sampling	: <b>Scrubber No.- 9</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>06/09/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>07/09/2021</b>	Lab ID.	: <b>L/2109/10</b>
Date of Starting of Test	: <b>07/09/2021</b>	Date of Completion	: <b>10/09/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.68	20	USEPA 26 A:1999

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

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**Ravi Jariwala**  
 Sr. Environmental Scientist

  
**Dr. Arun Bajpai**  
 Lab Manager (Q)

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## TEST CERTIFICATE FOR PROCESS STACK MONITORING

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0156</b> Issue Date : <b>25/10/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <span style="float: right;">Date: <b>27.04.2021</b></span>
---	--

### STACK DETAILS

Location of Sampling	: <b>Scrubber No.-2</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>200 mm</b>
Date of Sampling	: <b>14/10/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>15/10/2021</b>	Lab ID.	: <b>L/2110/09 [A-B]</b>
Date of Starting of Test	: <b>15/10/2021</b>	Date of Completion	: <b>18/10/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	0.94	20	USEPA 26 A : 1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	2.93	40	IS 11255 (Part-2): 2017

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

\*\*Details provided by customer.



**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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Customer's Name and Address :

M/s. LUPIN LTD. BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.	Test Report No. : <b>PL/L 0157</b> Issue Date : <b>25/10/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
--	---

### STACK DETAILS

Location of Sampling	: <b>Scrubber No.- 5</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>14/10/2021</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>15/10/2021</b>	Lab ID.	: <b>L/2110/10 [A-B]</b>
Date of Starting of Test	: <b>15/10/2021</b>	Date of Completion	: <b>18/10/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.42	20	USEPA 26 A:1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	3.49	40	IS 11255 (Part-2): 2017

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

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**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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Customer's Name and Address :

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	Issue Date :	<b>25/10/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

### STACK DETAILS


Location of Sampling :	<b>Scrubber No.- 6</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>14/10/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>15/10/2021</b>	Lab ID. :	<b>L/2110/11</b>
Date of Starting of Test :	<b>15/10/2021</b>	Date of Completion :	<b>18/10/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	8.84	175	IS 11255 (Part-6): 2014

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

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**Ravi Jariwala**  
**Sr. Environmental Scientist**

  
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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0164</b>
	Issue Date :	<b>25/10/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b>
		<b>Date: 27.04.2021</b>

**STACK DETAILS & RESULT**

Location of Sampling	: Scrubber No. 08	Sampling Procedure	: As per table
Stack Height **	: 20 Meter	Stack Dia**	: 500 mm
Date of Sampling	: 14/10/2021	Protocol (purpose)	: Process Stack Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Test Method	: As per table
Sample Receipt Date	: 15/10/2021	Lab ID.	: L/2110/12
Date of Starting of Test	: 15/10/2021	Date of Completion	: 18/10/2021

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.18	20	USEPA 26 A : 1999

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

\*\*Details provided by customer.

**Ravi Jariwala**  
**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0165</b>
	Issue Date :	<b>25/10/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

**STACK DETAILS & RESULT**

Location of Sampling :	<b>Scrubber No.- 9</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>14/10/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>15/10/2021</b>	Lab ID. :	<b>L/2110/13</b>
Date of Starting of Test :	<b>15/10/2021</b>	Date of Completion :	<b>18/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.76	20	USEPA 26 A:1999

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

\*\*Details provided by customer.

**Ravi Jariwala**  
**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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

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## TEST CERTIFICATE FOR STACK GAS MONITORING

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Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	<b>Test Report No.:</b> PL/L 0166 <b>Issue Date :</b> 25/10/2021 <b>Customer's Ref.:</b> P.O.NO 3100223914 <b>Date:</b> 27.04.2021
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### STACK DETAILS & RESULT

Location of Sampling :	Scrubber No. 10	Sampling Procedure :	As per table
Stack Height ** :	20 Meter	Stack Dia** :	500 mm
Date of Sampling :	14/10/2021	Protocol (purpose) :	Process Stack Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Test Method :	As per table
Sample Receipt Date :	15/10/2021	Lab ID. :	L/2110/14
Date of Starting of Test :	15/10/2021	Date of Completion :	18/10/2021

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	2.46	20	USEPA 26 A:1999

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

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Aruh Bajpai**  
Lab Manager (Q)

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**TEST CERTIFICATE FOR PROCESS STACK MONITORING**

Customer's Name and Address :

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0174</b> Issue Date : <b>26/11/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
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**STACK DETAILS**

Location of Sampling : <b>Scrubber No.-2</b>	Sampling Procedure : <b>As per table</b>
Stack Height ** : <b>20 Meter</b>	Stack Dia** : <b>200 mm</b>
Date of Sampling : <b>10/11/2021</b>	Protocol (purpose) : <b>Process Stack Monitoring</b>
Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method : <b>As per table</b>
Sample Receipt Date : <b>12/11/2021</b>	Lab ID. : <b>L/2111/08 [A-B]</b>
Date of Starting of Test : <b>12/11/2021</b>	Date of Completion : <b>15/11/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.08	20	USEPA 26 A : 1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	1.96	40	IS 11255 (Part-2): 2017

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**Ravi Jariwala**  
**Sr. Environmental Scientist**

**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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Page: 1 of 1

Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0175</b>
	Issue Date :	<b>26/11/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

**STACK DETAILS**

Location of Sampling :	<b>Scrubber No. 3</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>150 mm</b>
Date of Sampling :	<b>10/11/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>12/11/2021</b>	Lab ID. :	<b>L/2111/09 [A-B]</b>
Date of Starting of Test :	<b>12/11/2021</b>	Date of Completion :	<b>15/11/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.42	20	USEPA 26 A : 1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	4.89	40	IS 11255 (Part-2): 2017

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**Ravi Jariwala**  
**Sr. Environmental Scientist**

  
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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## TEST CERTIFICATE FOR PROCESS STACK MONITORING

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Customer's Name and Address :

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	Issue Date :	<b>26/11/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b>
		<b>Date: 27.04.2021</b>

### STACK DETAILS

Location of Sampling :	<b>Scrubber No.- 5</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>11/11/2021</b>	Protocol (purpose) :	<b>Stack Gas Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>12/11/2021</b>	Lab ID. :	<b>L/2111/12 [A-B]</b>
Date of Starting of Test :	<b>12/11/2021</b>	Date of Completion :	<b>15/11/2021</b>

### RESULT TABLE

<b>SR. NO.</b>	<b>TEST PARAMETER</b>	<b>UNIT</b>	<b>RESULTS</b>	<b>GPCB LIMIT#</b>	<b>TEST / SAMPLING METHOD</b>
1	HCl	mg/Nm <sup>3</sup>	1.56	20	USEPA 26 A:1999
2	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	4.34	40	IS 11255 (Part-2): 2017

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Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. :	<b>PL/L 0177</b>
	Issue Date :	<b>26/11/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

**STACK DETAILS**

Location of Sampling :	<b>Scrubber No.- 6</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>11/11/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>12/11/2021</b>	Lab ID. :	<b>L/2111/13</b>
Date of Starting of Test :	<b>12/11/2021</b>	Date of Completion :	<b>15/11/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	12.71	175	IS 11255 (Part-6): 2014

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

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**Sr. Environmental Scientist**
**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No.:	<b>PL/L 0179</b>
	Issue Date :	<b>26/11/2021</b>
	Customer's Ref.:	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

### STACK DETAILS & RESULT

Location of Sampling :	<b>Scrubber No. 08</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>11/11/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>12/11/2021</b>	Lab ID. :	<b>L/2111/13</b>
Date of Starting of Test :	<b>12/11/2021</b>	Date of Completion :	<b>15/11/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.34	20	USEPA 26 A : 1999

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

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Lab Manager (Q)

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No.:	<b>PL/L 0176</b>
	Issue Date :	<b>26/11/2021</b>
	Customer's Ref.:	<b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>

### STACK DETAILS & RESULT

Location of Sampling :	<b>Scrubber No.- 9</b>	Sampling Procedure :	<b>As per table</b>
Stack Height ** :	<b>20 Meter</b>	Stack Dia** :	<b>500 mm</b>
Date of Sampling :	<b>11/11/2021</b>	Protocol (purpose) :	<b>Process Stack Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method :	<b>As per table</b>
Sample Receipt Date :	<b>12/11/2021</b>	Lab ID. :	<b>L/2111/10</b>
Date of Starting of Test :	<b>12/11/2021</b>	Date of Completion :	<b>15/11/2021</b>

### RESULT TABLE

Sr. No.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.86	20	USEPA 26 A:1999

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

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## TEST CERTIFICATE FOR PROCESS STACK MONITORING

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0186</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <span style="float: right;">Date: <b>27.04.2021</b></span>
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### STACK DETAILS

Location of Sampling	: <b>Scrubber No.- 6</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>08/12/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>09/12/2021</b>	Lab ID.	: <b>L/2112/11</b>
Date of Starting of Test	: <b>09/12/2021</b>	Date of Completion	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	Ammonia as NH <sub>3</sub>	mg/Nm <sup>3</sup>	14.42	175	IS 11255 (Part-6): 2014

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

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Sr. Environmental Scientist



**Dr. Arun Bajpai**  
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## TEST CERTIFICATE FOR PROCESS STACK MONITORING

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Customer's Name and Address :

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	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

### STACK DETAILS

Location of Sampling	: <b>Scrubber No.- 7</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>08/12/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>09/12/2021</b>	Lab ID.	: <b>L/2112/08</b>
Date of Starting of Test	: <b>09/12/2021</b>	Date of Completion	: <b>13/12/2021</b>

### RESULT TABLE

Sr. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.45	20	USEPA 26 A : 1999

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

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## TEST CERTIFICATE FOR STACK GAS MONITORING

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Customer's Name and Address :

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### STACK DETAILS & RESULT

Location of Sampling	: <b>Scrubber No. 08</b>	Sampling Procedure	: <b>As per table</b>
Stack Height **	: <b>20 Meter</b>	Stack Dia**	: <b>500 mm</b>
Date of Sampling	: <b>08/12/2021</b>	Protocol (purpose)	: <b>Process Stack Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Test Method	: <b>As per table</b>
Sample Receipt Date	: <b>09/12/2021</b>	Lab ID.	: <b>L/2112/09</b>
Date of Starting of Test	: <b>09/12/2021</b>	Date of Completion	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	1.62	20	USEPA 26 A : 1999

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

\*\*Details provided by customer.

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## TEST CERTIFICATE FOR STACK GAS MONITORING

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BLOCK NO. 21, VILLAGE DABHASA,  
TAL: PADRA, DIST: VADODARA.

Test Report No. : **PL/L 0189**  
Issue Date : **20/12/2021**  
Customer's Ref. : **P.O.NO 3100223914**  
Date: **27.04.2021**

### STACK DETAILS & RESULT

Location of Sampling	: Scrubber No.- 9	Sampling Procedure	: As per table
Stack Height **	: 20 Meter	Stack Dia**	: 500 mm
Date of Sampling	: 08/12/2021	Protocol (purpose)	: Process Stack Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Test Method	: As per table
Sample Receipt Date	: 09/12/2021	Lab ID.	: L/2112/10
Date of Starting of Test	: 09/12/2021	Date of Completion	: 13/12/2021

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	2.04	20	USEPA 26 A:1999

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

\*\*Details provided by customer.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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

● FSSAI Approved Lab

● Recognised by MoEF, New Delhi Under  
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"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,  
Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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


**POLLUCON** LABORATORIES PVT. LTD.

## TEST CERTIFICATE FOR STACK GAS MONITORING

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Customer's Name and Address :

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

Test Report No. : **PL/L 0190**  
Issue Date : **20/12/2021**  
Customer's Ref. : **P.O.NO 3100223914**  
Date: **27.04.2021**

### STACK DETAILS & RESULT

Location of Sampling	: Scrubber No. 10	Sampling Procedure	: As per table
Stack Height **	: 20 Meter	Stack Dia**	: 500 mm
Date of Sampling	: 08/12/2021	Protocol (purpose)	: Process Stack Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Test Method	: As per table
Sample Receipt Date	: 09/12/2021	Lab ID.	: L/2112/11
Date of Starting of Test	: 09/12/2021	Date of Completion	: 13/12/2021

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST / SAMPLING METHOD
1	HCl	mg/Nm <sup>3</sup>	2.36	20	USEPA 26 A:1999

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

\*\*Details provided by customer.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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

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Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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

**TEST CERTIFICATE FOR STACK GAS MONITORING**

Customer's Name and Address :

QF/7.8/07-ST

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M/s. LUPIN LTD. BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.	Test Report No. :	PL/L 0113
	Issue Date :	10/07/2021
	Customer's Ref. :	P.O.NO 3100223914 Date: 27.04.2021

**STACK DETAILS**

Location of Sampling :	Boiler 5 TPH & Thermic Fluid Heater (TFH) Common Stack		
Stack Height ** :	38 Meter	Stack Dia** :	0.48 Meter
Date of Sampling :	06/07/2021	Sampling Procedure :	As per table
Sampling By :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Stack Gas Monitoring
Sample Receipt Date :	07/07/2021	Test Method :	As Per Table
Date of Starting of Test :	07/07/2021	Lab ID. :	L/2107/11 [A-C]
Date of Completion :	10/07/2021	Fuel ** :	Furnace Oil
Stack Temperature :	140 °C	Velocity :	6.12 m/sec

\*\*Details provided by customer.

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	60.35	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	14.35	100	IS:11255 (Part-2):2014
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	23.48	50	IS:11255 (Part-7):2017

\*Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %Ravi Jariwala  
Sr. Environmental ScientistDr. Arun Bajpai  
Lab Manager (Q)

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

**TEST CERTIFICATE FOR STACK GAS MONITORING**

Customer's Name and Address :

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<b>M/s. LUPIN LTD. BLOCK NO. 21, VILLAGE DABHASA, TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0121</b>
	Issue Date : <b>09/08/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914 Date: 27.04.2021</b>

**STACK DETAILS**

Location of Sampling	: <b>Boiler 5 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height **	: <b>38 Meter</b>	Stack Dia**	: <b>0.48 Meter</b>
Date of Sampling	: <b>05/08/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sample Receipt Date	: <b>06/08/2021</b>	Test Method	: <b>As Per Table</b>
Date of Starting of Test	: <b>06/08/2021</b>	Lab ID.	: <b>L/2108/05 [A-C]</b>
Date of Completion	: <b>09/08/2021</b>	Fuel **	: <b>Furnace Oil</b>
Stack Temperature	: <b>136 °C</b>	Velocity	: <b>5.76 m/sec</b>

\*\*Details provided by customer.

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	75.86	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	15.94	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	26.80	50	IS:11255 (Part-7):2014

#Limit as per Consent Order No. AWHT-75502, Dated: 05/12/2015, valid up to 04/12/2020

Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %

**Ravi Jariwala  
Sr. Environmental Scientist**
**Dr. Arun Bajpai  
Lab Manager (Q)**

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

**TEST CERTIFICATE FOR STACK GAS MONITORING**

Customer's Name and Address :

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0122</b>
	Issue Date : <b>09/08/2021</b>
	Customer's Ref. : <b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>

**STACK DETAILS**

Location of Sampling	: <b>Boiler 2 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height **	: <b>30 Meter</b>	Stack Dia**	: <b>0.45 Meter</b>
Date of Sampling	: <b>05/08/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sample Receipt Date	: <b>06/08/2021</b>	Test Method	: <b>As Per Table</b>
Date of Starting of Test	: <b>06/08/2021</b>	Lab ID.	: <b>L/2108/06 [A-C]</b>
Date of Completion	: <b>09/08/2021</b>	Fuel **	: <b>Furnace Oil</b>
Stack Temperature	: <b>128 °C</b>	Velocity	: <b>5.43 m/sec</b>

\*\*Details provided by customer.

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	64.36	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	13.71	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	24.38	50	IS:11255 (Part-7):2014

\*Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %

**Ravi Jariwala**  
**Sr. Environmental Scientist**

**Dr. Arun Bajpai**  
**Lab Manager (Q)**

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

## TEST CERTIFICATE FOR STACK GAS MONITORING

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0134</b> Issue Date : <b>16/09/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <span style="float: right;">Date: <b>27.04.2021</b></span>
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### STACK DETAILS

Location of Sampling :	<b>Boiler 5 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height ** :	<b>38 Meter</b>	Stack Dia** :	<b>0.48 Meter</b>
Date of Sampling :	<b>06/09/2021</b>	Sampling Procedure :	<b>As per table</b>
Sampling By :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>Stack Gas Monitoring</b>
Sample Receipt Date :	<b>07/09/2021</b>	Test Method :	<b>As Per Table</b>
Date of Starting of Test :	<b>07/09/2021</b>	Lab ID. :	<b>L/2109/05 [A-C]</b>
Date of Completion :	<b>10/09/2021</b>	Fuel ** :	<b>Furnace Oil</b>
Stack Temperature :	<b>130 °C</b>	Velocity :	<b>5.50 m/sec</b>

\*\*Details provided by customer.

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	66.34	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	13.30	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	21.75	50	IS:11255 (Part-7):2014

#Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025.  
Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %



**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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

## TEST CERTIFICATE FOR STACK GAS MONITORING

Customer's Name and Address :

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0150</b> Issue Date : <b>25/10/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <b>Date: 27.04.2021</b>
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### STACK DETAILS

Location of Sampling	: <b>Boiler 5 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height **	: <b>38 Meter</b>	Stack Dia**	: <b>0.48 Meter</b>
Date of Sampling	: <b>13/10/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sample Receipt Date	: <b>14/10/2021</b>	Test Method	: <b>As Per Table</b>
Date of Starting of Test	: <b>14/10/2021</b>	Lab ID.	: <b>L/2110/05 [A-C]</b>
Date of Completion	: <b>18/10/2021</b>	Fuel **	: <b>Furnace Oil</b>
Stack Temperature	: <b>134 °C</b>	Velocity	: <b>5.63 m/sec</b>

\*\*Details provided by customer.

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	78.62	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	14.83	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	25.49	50	IS:11255 (Part-7):2014

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

 Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %

  
**Ravi Jariwala**  
 Sr. Environmental Scientist

  
**Dr. Anil Bajpai**  
 Lab Manager (Q)

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



## TEST CERTIFICATE FOR STACK GAS MONITORING

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0152</b> Issue Date : <b>25/10/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <span style="float: right;">Date: <b>27.04.2021</b></span>
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### STACK DETAILS

Location of Sampling	: <b>Boiler 2 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height **	: <b>30 Meter</b>	Stack Dia**	: <b>0.45 Meter</b>
Date of Sampling	: <b>13/10/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sample Receipt Date	: <b>14/10/2021</b>	Test Method	: <b>As Per Table</b>
Date of Starting of Test	: <b>14/10/2021</b>	Lab ID.	: <b>L/2110/06 [A-C]</b>
Date of Completion	: <b>18/10/2021</b>	Fuel **	: <b>Furnace Oil</b>
Stack Temperature	: <b>126 °C</b>	Velocity	: <b>5.33 m/sec</b>

\*\*Details provided by customer.

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT*	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	70.37	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	11.44	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	22.64	50	IS:11255 (Part-7):2014

\*Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025  
Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %



**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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

## TEST CERTIFICATE FOR STACK GAS MONITORING

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0171</b> Issue Date : <b>26/11/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
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### STACK DETAILS

Location of Sampling	: <b>Boiler 5 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height **	: <b>38 Meter</b>	Stack Dia**	: <b>0.48 Meter</b>
Date of Sampling	: <b>10/11/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sample Receipt Date	: <b>12/11/2021</b>	Test Method	: <b>As Per Table</b>
Date of Starting of Test	: <b>12/11/2021</b>	Lab ID.	: <b>L/2111/05 [A-C]</b>
Date of Completion	: <b>15/11/2021</b>	Fuel **	: <b>Furnace Oil</b>
Stack Temperature	: <b>138 °C</b>	Velocity	: <b>5.34 m/sec</b>

\*\*Details provided by customer.

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT <sup>#</sup>	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	72.64	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	15.30	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	27.43	50	IS:11255 (Part-7):2014

<sup>#</sup>Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025.  
Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %



**Ravi Jariwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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

## TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

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Customer's Name and Address :

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0185</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
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### STACK DETAILS

Location of Sampling	: <b>Boiler 2 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height **	: <b>30 Meter</b>	Stack Dia**	: <b>0.45 Meter</b>
Date of Sampling	: <b>08/12/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sample Receipt Date	: <b>09/12/2021</b>	Test Method	: <b>As Per Table</b>
Date of Starting of Test	: <b>09/12/2021</b>	Lab ID.	: <b>L/2112/06 [A-C]</b>
Date of Completion	: <b>13/12/2021</b>	Fuel **	: <b>Furnace Oil</b>
Stack Temperature	: <b>120 °C</b>	Velocity	: <b>5.35 m/sec</b>

\*\*Details provided by customer.

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	62.46	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	12.93	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	24.16	50	IS:11255 (Part-7):2014

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

 Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %



**Ravi Jatiwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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

\* FSSAI Approved Lab    \* Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986    \* GPCB approved schedule II auditor    \* ISO 14001    \* ISO 45001    \* ISO 9001

**"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.**

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## TEST CERTIFICATE FOR STACK GAS MONITORING

QF/7.8/07-ST

Customer's Name and Address :

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<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DASHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No. : <b>PL/L 0184</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> <span style="float: right;">Date: <b>27.04.2021</b></span>
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### STACK DETAILS

Location of Sampling	: <b>Boiler 5 TPH &amp; Thermic Fluid Heater (TFH) Common Stack</b>		
Stack Height **	: <b>38 Meter</b>	Stack Dia**	: <b>0.48 Meter</b>
Date of Sampling	: <b>08/12/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Stack Gas Monitoring</b>
Sample Receipt Date	: <b>09/12/2021</b>	Test Method	: <b>As Per Table</b>
Date of Starting of Test	: <b>09/12/2021</b>	Lab ID.	: <b>L/2112/05 [A-C]</b>
Date of Completion	: <b>13/12/2021</b>	Fuel **	: <b>Furnace Oil</b>
Stack Temperature	: <b>132 °C</b>	Velocity	: <b>5.77 m/sec</b>

\*\*Details provided by customer.

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	GPCB LIMIT#	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm <sup>3</sup>	68.33	150	IS:11255 (Part-1):2014
2	Sulfur Dioxide (SO <sub>2</sub> )	ppm	16.17	100	IS:11255 (Part-2):2017
3	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	26.81	50	IS:11255 (Part-7):2014

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

Results (Particulate Matter) on 11 % O<sub>2</sub> Correction when Oxygen is greater than 11 % and (Sulfur Dioxide & Oxides of Nitrogen) 12 % CO<sub>2</sub> Correction when CO<sub>2</sub> is less than 12 %



**Ravi Janiwala**  
Sr. Environmental Scientist



**Dr. Arun Bajpai**  
Lab Manager (Q)

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

● FSSAI Approved Lab  
 ● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986  
 ● GPCB approved schedule II auditor  
 ● ISO 14001  
 ● ISO 45001  
 ● ISO 9001

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: [www.polluconlab.com](http://www.polluconlab.com), E. mail: [pollucon@gmail.com](mailto:pollucon@gmail.com), [info@polluconlab.com](mailto:info@polluconlab.com)



**TEST CERTIFICATE FOR NOISE MONITORING**

Customer's Name and Address :

QF/7.8/07-EX  
Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No : <b>PL/L 0149</b> Issue Date : <b>25/10/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
---	--

Date of Sampling	: <b>13/10/2021</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>
Sampling Location	: <b>As per table</b>
Test Method	: <b>IS 9876 : 2013 / IS 9989 : 2014</b>

**RESULT TABLE**

SR. NO.	NAME OF THE LOCATION	OBSERVATION
		Day Time Leq dB(A)
1	Near Main Gate	52.6
2	Near QC/QA-2	48.6
3	Near Hydro Generator	53.0
4	Near Fire Hydrant Tank - 2	57.2
5	Near By-NW-Boundry	59.4
6	Near Utility-2 (Outside)	63.5
7	Near Store & Admin	60.0
8	Near F.O. Yard	57.0
9	Near solvent Area	56.2
10	Near D.G Area	63.0
11	Near Boiler (Outside)	63.5
12	Near M1,M2,M3	63.8
13	Near Decanter	59.5
14	Near ETP Entrance	65.0
15	Near S.R.U - 1	56.0
<b>GPCB Limit as per Ambient Air Quality Standards in respect of Noise for Industrial Area*</b>		<b>75 Leq dB[A]</b>

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.  
\*Limit as per Consent Order No. AWH-113866, Dated: 22/07/2021, valid up to 30/09/2025.

**Ravi Jariwala**  
Sr. Environmental Scientist

**Dr. Arun Bajpai**  
Lab Manager (Q)

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

- FSSAI Approved Lab
- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB approved schedule II auditor
- ISO 14001
- ISO 45001
- ISO 9001

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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

**TEST CERTIFICATE FOR NOISE MONITORING**

Customer's Name and Address :

QF/7.8/07-EX  
Page: 1 of 1

<b>M/s. LUPIN LTD.</b> <b>BLOCK NO. 21, VILLAGE DABHASA,</b> <b>TAL: PADRA, DIST: VADODARA.</b>	Test Report No : <b>PL/L 0115</b> Issue Date : <b>10/07/2021</b> Customer's Ref. : <b>P.O.NO 3100223914</b> Date: <b>27.04.2021</b>
---	--

Date of Sampling	: <b>06/07/2021</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>
Sampling Location	: <b>As per table</b>
Test Method	: <b>IS 9876 : 2013 / IS 9989 : 2014</b>

**RESULT TABLE**

SR. NO.	NAME OF THE LOCATION	OBSERVATION
		Day Time Leq dB(A)
1	Near Main Gate	51.5
2	Near QC/QA-2	47.6
3	Near Hydro Generator	50.3
4	Near Fire Hydrant Tank - 2	55.8
5	Near By-NW-Boundary	59.7
6	Near Utility-2 (Outside)	66.8
7	Near Store & Admin	54.6
8	Near F.O. Yard	56.3
9	Near solvent Area	61.4
10	Near D.G Area	53.4
11	Near Boiler (Outside)	63.8
12	Near M1,M2,M3	53.2
13	Near Decanter	60.2
14	Near ETP Entrance	58.3
15	Near S.R.U - 1	61.5
<b>GPCB Limit as per Ambient Air Quality Standards in respect of Noise for Industrial Area*</b>		<b>75 Leq dB[A]</b>

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

# Limit as per Consent Order No. AWH-75502, Dated: 05/12/2015, valid up to 04/12/2020

  
Ravi Jarivala

Sr. Environmental Scientist

  
Dr. Arun Bajpai  
Lab Manager (Q)

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

# FORM NO. 37

(Prescribe under Rule 12-B)

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

1. Name of the Department / Plant.

Date: July - 2021

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

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average concentration (as given in second schedule)	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
1)	M-4 G/F Intermediate Area	Methanol	Dragger Two-Stage Pump	01	5 PPM	5 PPM	200 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEP S. PATIL
2)	M-3 G/F Intermediate Area	IPA	Dragger Two-Stage Pump	01	15 PPM	15 PPM	200 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEP S. PATIL
3)	M-2 G/F = ANE-401 Intermediate Area	Ethyl Acetate	Dragger Two-Stage Pump	01	10 PPM	10 PPM	400 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEP S. PATIL

30/7/2021

07/07/2021

19/07/2021

# FORM NO. 37

(Prescribe under Rule 12-B)

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

1. Name of the Department / Plant.

Date: August - 2024

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

3. Particulars of sampling

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)	
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
1)	P-0 Plant G/F IPA CF area	IPA	Dragger Tube & Pump	01	5 PPM	5 PPM	200 PPM	TLV	02	With in Range	[Signature]	SANDEEP S. PATIL.
2)	P-1 G/F Wash Room Sparkler cleaning	Methanol	Dragger Tube & Pump	01	25 PPM	25 PPM	200 PPM	TLV	02	With in Range	[Signature]	SANDEEP S. PATIL.
3)	P-2 Plant 1st Floor Methanol	Methanol	Dragger Tube & Pump	01	15 PPM	15 PPM	200 PPM	TLV	02	With in Range	[Signature]	SANDEEP S. PATIL.
4)	P-3 Area 1st Floor	IPA	Dragger Tube & Pump	01	0 PPM	0 PPM	200 PPM	TLV	02	With in Range	[Signature]	SANDEEP S. PATIL.
5)	New tank Comm Area Methanol	Methanol	Dragger Tube & Pump	01	10 PPM	10 PPM	200 PPM	TLV	01	With in Range	[Signature]	SANDEEP S. PATIL.

01/08/24

03/08/24

06/08/24

08/08/24

11/08/24



# FORM NO. 37

(Prescribe under Rule 12-B)

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

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

Date: September-2024

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average concentration	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
1)	M-3 Cr/F Intermediate area operation	Ethyl Acetate	Dragger Tube & Pump	01	20 PPM	20 PPM	400 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEP S. PATIL
2)	ATR-II CF-1101 operation P-4 Plant	Methanol	Dragger Tube & Pump	01	05 PPM	05 PPM	200 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEP S. PATIL
3)	DPDL Wash area	Methanol	Dragger Tube & Pump	01	10 PPM	10 PPM	200 PPM	TLV	01	With in Range	<i>[Signature]</i>	SANDEEP S. PATIL

08/09/24

18/09/24

21/09/24

# FORM NO. 37

(Prescribe under Rule 12-B)

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

1. Name of the Department / Plant.

Date: October-2021

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

3. Particulars of sampling

Sl. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average concentration (as given in second schedule)	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
1)	M-4 Plant Intermediate area	Methanol	Dragger Twerk Pump	01	15 PPM	15 PPM	200 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEPS-PATIL
2)	M-2 Plant G.F. Intermediate area	Ethyl Acetate	Dragger Twerk Pump	01	10 PPM	10 PPM	400 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEPS-PATIL
3)	M-3 Plant G.F. Intermediate area	IPA	Dragger Twerk Pump	01	25 PPM	25 PPM	200 PPM	TLV	02	With in Range	<i>[Signature]</i>	SANDEEPS-PATIL

15/10/21

18/10/21

31/10/21

# FORM NO. 37

(Prescribe under Rule 12-B)

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

1. Name of the Department / Plant.

Date: November - 2024

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

3. Particulars of sampling

Sl. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average concentration (as given in second schedule)	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
1)	P-0 Plant GIF Inter CE ROOM	Methanol	Dragger Tubex Pump	01	05 PPM	05 PPM	200 PPM	TLV	02	With In Range	<i>[Signature]</i>	SANDEEP S. PATIL
2)	P-1 Plant E/F 100Y Reactor Area Intermediate	Methanol	Dragger Tubex Pump	01	10 PPM	10 PPM	200 PPM	TLV	01	With In Range	<i>[Signature]</i>	SANDEEP S. PATIL
3)	P-2 Plant E/F floor Intermediate	IPA	Dragger Tubex Pump	01	15 PPM	15 PPM	200 PPM	TLV	02	With In Range	<i>[Signature]</i>	SANDEEP S. PATIL
4)	WH-2 Tank farm Area	Ethyl Acetate	Dragger Tubex Pump	01	05 PPM	05 PPM	400 PPM	TLV	02	With In Range	<i>[Signature]</i>	SANDEEP S. PATIL
5)	ADLF Lab Area	Methanol	Dragger Tubex Pump	01	05 PPM	05 PPM	200 PPM	TLV	05	With In Range	<i>[Signature]</i>	SANDEEP S. PATIL

21/11/2024

21/11/2024

27/11/2024

08/11/2024

26/11/2024

# FORM NO. 37

(Prescribe under Rule 12-B)

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

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

Date: December 21

Sr. no.	Location/ Operation mentioned	Identified contaminant	Sampling instrument used	Airborne contamination		Average concentration (as given in second schedule)	TWA concentration (as given in second schedule)	Reference method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking samples	Name (in block letters)
				Number of samples	Range							
1	2	3	4	5	6	7	8	9	10	11	12	13
1)	Reaction Room IPA Center F-3 F/Floor	IPA	VOC Meter	01	10 PPM	10 PPM	200 PPM	TLV	02	With In Range	[Signature]	SANDEEP S. PATIL
2)	P-4 Plant CF-1101 Operation	Methanol	VOC Meter	01	15 PPM	15 PPM	200 PPM	TLV	02	With In Range	[Signature]	SANDEEP S. PATIL
3)	M-3 Plant CF-FAV or CF Room	Ethyl Acetate	Dragger Tubert Pump	01	05 PPM	05 PPM	400 PPM	TLV	02	With In Range	[Signature]	SANDEEP S. PATIL
4)	PDL Lab Wash Area G/F	Methanol	VOC Meter	01	15 PPM	15 PPM	200 PPM	TLV	01	With In Range	[Signature]	SANDEEP S. PATIL

05/12/2021

08/12/2021

08/12/2021

16/12/21



**Green gene enviro Protection and infrastructure [90319]**

**Manifest No:**  
1496365  
27/12/2021

**Copy 2**

To be forwarded by To be Carried by the occupier after taking signature on it form the transporter.

Sender's Details					
Sender Name	Lupin Ltd. (Formerly Novodigm Limited) [22562]				
Address	VILL-DABHASA, - Taluka :PAD Distict:VAD Pin no:391440				
Contact Details	9879538440 rakeshdave1@lupin.com	GPS Coordinates	Lat :22.1500 Long :73.0200		
Receiver's Details					
State	Rajasthan	Type of Facility	Pre- processing		
Facility Details	Green gene enviro Protection and infrastructure [90319]				
Contact Details	7412030055 gepil@luthraindia.com	GPS Coordinates	Lat :74.4379 Long:24.9256		
Address	Green gene enviro Protection and infrastructure				
Waste Details					
Waste Details	I~28~28.1~Process Residue and wastes				
Waste Intended for	Recycling	Total Qty	8.035MT	Consistency	liquid
Transporter Details					
Name	GREEN GENE ENVIRO PROTECTION AND INFRASTR. PVT.LTD.	Contact Details	7412030055 gepil@luthraindia.com		
Address	singhpur,kapasan Road District : Taluka :				
Vehicle Details					
Vehicle no	RJ30GA0767	GPS Enabled	Yes	Type of Vehicle	Truck
Driver name	RAMESHWAR	Driver Contact No	7357143987		
Waste Transportation Details					
Vehicle Depart.	27/12/2021 3:10PM	Number of Drums	40	Loose Waste	8.035
Remarks	Process residue and waste send to GGEPIL in closed drums through designated truck.		No of bags	0	
<p><b>Sender's Declaration :</b></p> <p>1. I hereby declare that contents of the consignment are fully and accurate described above by proper shipping name and are categorized , packed, marked , and labeled , and are all in all respects in proper condition for transport by road according to applicable national government regulations.</p> <p>2. I hereby declare that we have obtained membership of common facility / carried out agreement with actual user for disposal/ actual use of hazardous waste.</p>					
<p><b>Name and stamp of sender:</b></p> <p><b>LUPIN LIMITED</b> Block No. 21, Village : Dabhasa, Tal. #01 (02002) 228000, Fax : +91 (02002) 228020</p>			<p><b>Signature:</b></p>		
<p><b>Transporter's Acknowledgement of Receipt of waste</b></p> <p><b>Stamp:</b></p>			<p><b>Signature:</b></p>		
<p><b>Receiver's Certification of Receipt of Hazardous waste</b></p>					

Stamp:

Date:

Signature:



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

BY R.P.A.D.

**Consolidated Consent & Authorization (CC&A) Amendment**  
**AWH-116430**

NO: GPCB/CCA-VRD-331(16)/ID-22562/521181

17/01/2022

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

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

- Ref: 1) Your online CCA- amendment application no. 206139 dtd. 02/11/2021.  
2) CCA order no. AWH-113866 dtd.22/07/2021.  
3) CTE order No. 116431, dtd 17/01/2022.

Sir,

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

The Validity period of the order will be up to 30/09/2025.

Reference to your application no. 206139 dtd. 02/11/2021, 2016, the said CCA order is further amended as under:

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

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

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



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

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

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

4.1. The total quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall be not exceed 395 Kl/Day.

*Clean Gujarat Green Gujarat*



- 4.2. The company shall ensure zero liquid effluent discharge from the entire unit through the treatment scheme comprising segregation of effluent streams into high COD/TDS and low COD/TDS effluent stream, MEE, Biological treatment, RO etc. No effluent shall be discharged outside the plant premises and "Zero" effluent discharge concept will be followed.
- 4.3. The total quantity the domestic wastewater (sewage) shall not exceed 45 KL/Day.
- 4.4. Sewage shall be treated along with industrial wastewater and there shall be no discharge of domestic wastewater outside the premises and shall maintain zero discharge.

3 The hazardous waste table mentioned at condition no.6.2 of CCA order is amended/replaced and shall be read as under:

Sr. No	Category of Hazardous waste as per the Schedules	Authorized Mode of disposal	Quantity (MT/Annum)
1.	5.1-- Schedule-I (Used Spent Oil)	Generation, Collection, Storage, Transportation, Disposal by selling to registered /authorized refiner having valid CCA of GPCB & Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and xgn generated manifest.	12
2	28.1-- Schedule-I (Process Residues & Waste)	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration / Land filling) / Sent to cement industry for co-processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.	6995
	28.1-- Schedule-I (Sodium Salts (Nabr, Nacl, Na2so3))		43
	28.1-- Schedule-I (Potassium Salts (Kbr, Kcl))		4



# GUJARAT POLLUTION CONTROL BOARD

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Website : [www.gpcb.gov.in](http://www.gpcb.gov.in)

3	28.3-- Schedule-I (Spent Carbon)	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for Co-Processing / sent to Pre Processor or waste mix facilities having valid CCA of GPCB / Rule - 9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.	918
4	28.2-- Schedule-I (Spent Catalyst)	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / Off-site recovery at units from where the catalyst is procured / other units doing recovery / Co-Processing in cement industries / sent to pre-processor or waste mix facilities having valid CCA of GPCB / Rule 9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.	77
5	28.4-- Schedule-I (Off Specification Products)	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre-processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM-2016 by use of GPS enable vehicle and XGN generated manifest.	300

*Official*

*Clean Gujarat Green Gujarat*

6	28.6-- Schedule-I (Spent Solvents)	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre-processor or waste mix facilities / sent to actual end users having valid CCA of GPCB / Rule 9 permission under HWM rule 2016 by use of GPS enable vehicle and XGN generated manifest.	11529
7 (a)	33.1--Schedule-I (Discarded Containers / Barrels contaminated with hazardous wastes / chemicals)	Generation, Collection, Storage, Transportation & Disposal by selling to registered /authorized re-cycler having valid CCA of GPCB & Rule-9 permission under HWM Rule-2016 or dispose to authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	1500 (100000 Nos/Year)
7 (b)	33.1--Schedule-I (Discarded Liners contaminated with hazardous wastes / chemicals)	Generation, Collection, Storage, Transportation & disposal at common TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.	300
7 (C)	(Other waste (insulation waste, glass wool, Thermocol waste, non-recycle plastic waste/PVC, Rubber waste, glass waste, discarded cementing materials, paint chips/residue, etc.)	Generation, Collection, Storage, Transportation & disposal at common TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.	400



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

8	33.2--Schedule-I (Contaminated cotton rags or other cleaning materials)	Generation, Collection, Storage, Transportation & Disposal at common TSDF (Incineration) / sent to cement industry for co-processing / sent to Pre-processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM-2016 by use of GPS enable vehicle and XGN generated manifest.	100
9	35.3 - Schedule-I (Chemical Sludge from wastewater treatment)	Generation, Collection, Storage, Transportation & Disposal at common TSDF / sent to cement industry for co-processing / sent to Pre-processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM-2016 by use of GPS enable vehicle and XGN generated manifest.	1480
10	35.2--Schedule-I (Spent Ion Exchange resin containing Toxic metals)	Generation, Collection, Storage, Transportation & disposal at common TSDF having valid CCA of GPCB by use of GPS enable vehicle and XGN generated manifest.	0.5
11	B15--Schedule-II (Spent Sulphuric Acid)	Generation, Collection, Storage & treatment in in-house ETP.	45
12	A10--Schedule-II (Liquor Ammonia)	Generation, Collection, Storage, Transportation & sent to cement industry for co-processing / sent to Pre-processor or waste mix facilities having valid CCA of GPCB / Rule 9 permission under HWM Rule - 2016 by use of GPS enable vehicle and XGN generated manifest.	996

*Handwritten signature*

*Clean Gujarat Green Gujarat*

13	35.3 -Schedule-I (ATFD Solids)	Generation, Collection, Storage, Transportation & Disposal at common TSDF / sent to cement industry for co-processing / sent to Pre processor or waste mix facilities having valid CCA of GPCB / Rule-9 permission under HWM Rule-2016 by use of GPS enable vehicle and XGN generated manifest.	2534
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4. All other conditions of CCA order no. AWH-113866 dtd.22/07/2021 issued vide letter no. GPCB/CCA-VRD-331(15)/ID:22562/596206 dated 28/07/2021 shall remain unchanged.

**For and on behalf of  
Gujarat Pollution Control Board**

  
**(D.P. Shah)  
Senior Environmental Engineer**

# DR. KAILASH AGARWAL

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

## PERIODICAL MEDICAL CHECKUP OF EMPLOYEES

DATE: 21/8/21

EMP CODE: 228862

NAME OF EMPLOYEE: *Mital R. Patel*

Designation / Department: *Environment, Sr-Executive*

D.O.B.: 27/11/1986

Height (Cm.): 166

Weight (Kgs.): 62

Pulse Rate: 72 / Min

Blood Pressure: 110/66 mm of Hg

*Is any skin, Communicable or Contagious disease No.*  
SYSTEM EXAMINATION:

R.S.: *no*

C.V.S.: *no*

C.N.S.: *no*

Liver/Spleen: *no*

VISION TEST:

ACTUAL VISION		RT EYE	LT EYE
Without Glass	Distant	<i>6/6</i>	<i>6/6</i>
	Near	<i>N6</i>	<i>N6</i>
With glass	Distant	<i>—</i>	<i>—</i>
	Near	<i>—</i>	<i>—</i>

Colour Vision: *Normal*

SPO2: *92, Normal*

The employee is fit/unfit for job: *fit*

Remark: *Normal*

Advice: *—*

Dr. Kailash Agarwal

M.B.B.S., D.O.I.H.

Reg No. (G) 016912 (C) 24223

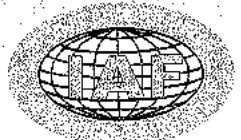
Signature with Seal

9, Earth Bungalows, Akshar Chowk, Nr. Hero Honda Showroom, Old Padra Road,  
Vadodara. (M) 9824263700 (H) 0265-2338718.



# Kalyan Path Laboratory

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



ISO 9001:2015

Name MITULBHAI R PATEL 228862

Date 20/08/2021

Age/Sex M



Ref.By.DR. LUPIN LIMITED

Lab No.

## HAEMATOLOGY REPORT

INVESTIGATIONS	RESULT	UNITS	REFERENCE RANGE
Heamoglobin	17.1	gm/dl	M : 13.0 - 18.0 , F : 11.5 - 16.5
RBC Count	5.75	/cumm	M:4.6-6.5,F:3.9-5.6
P.C.V	52.95	%	34-54
M.C.V.	92.09	fl	79-101
M.C.H	29.74	pg	26-36
M.C.H.C.	32.29	g/dl	31-37
Total Count(WBC)	6600	/cumm	4000-10500

### Differential WBC Count

Polymorphs	71	%	40-75
Lymphocytes	25	%	20-45
Eosinophils	01	%	1-6
Monocytes	03	%	2-10
Basophils	00	%	0-1
Platelet Count	228	x1000	150 - 400 /cumm
Malarial Parasites	Not Detected	Thick & Thin Smear	

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

## BIOCHEMISTRY

INVESTIGATIONS	RESULT	UNITS	REFERENCE RANGE
Random Blood Sugar	77.0	mg/dl	less than 140
Creatinine	1.0	mg/dl	0.5 - 1.5
S.G.P.T(ALT)	20.0	U/L	5 - 45

Dr. Rakesh Sing  
M.D.


Dr. Rakesh N. Sing  
M.D. Pathology



# Kalyan Path Laboratory

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



Name	MR. MITULBHAI R PATEL 228862	Date	20/08/2021
Age/Sex	M	Lab No.	
Ref.By.DR.	LUPIN LIMITED		

## ROUTINE URINE ANALYSIS


Sample	Random
<b>PHYSICAL EXAMINATION</b>	
Colour	Strow
Appearance	Clear
<b>CHEMICAL EXAMINATION</b>	
Protein	Absent
Sugar	Absent
Ketone	Absent
Blood	Absent
Bilirubin	Absent
Urobilinogen	Normal
pH	7.5
Sp. Gravity	1.010
BS & BP	NEGATIVE

### MICROSCOPIC EXAMINATION(Per hpf)

Epithelial Cells	2 - 3
Pus Cells	0 - 1
Red Blood Cells	Absent
Casts	Absent
Crystals	Absent

(+) Spread imported reagent strip

(+) After centrifugation at 2500 RPM for 10 min

  
Dr Rakesh Sing  
M.D.

Dr. Rakesh N. S  
M.D. Pathology





## ENVIRONMENT, HEALTH, SAFETY AND SUSTAINABILITY POLICY

Lupin Limited is committed to the highest standards of Environment, Health, Safety and Sustainability (EHS&S) management as an integral part of its business.

The organization shall,

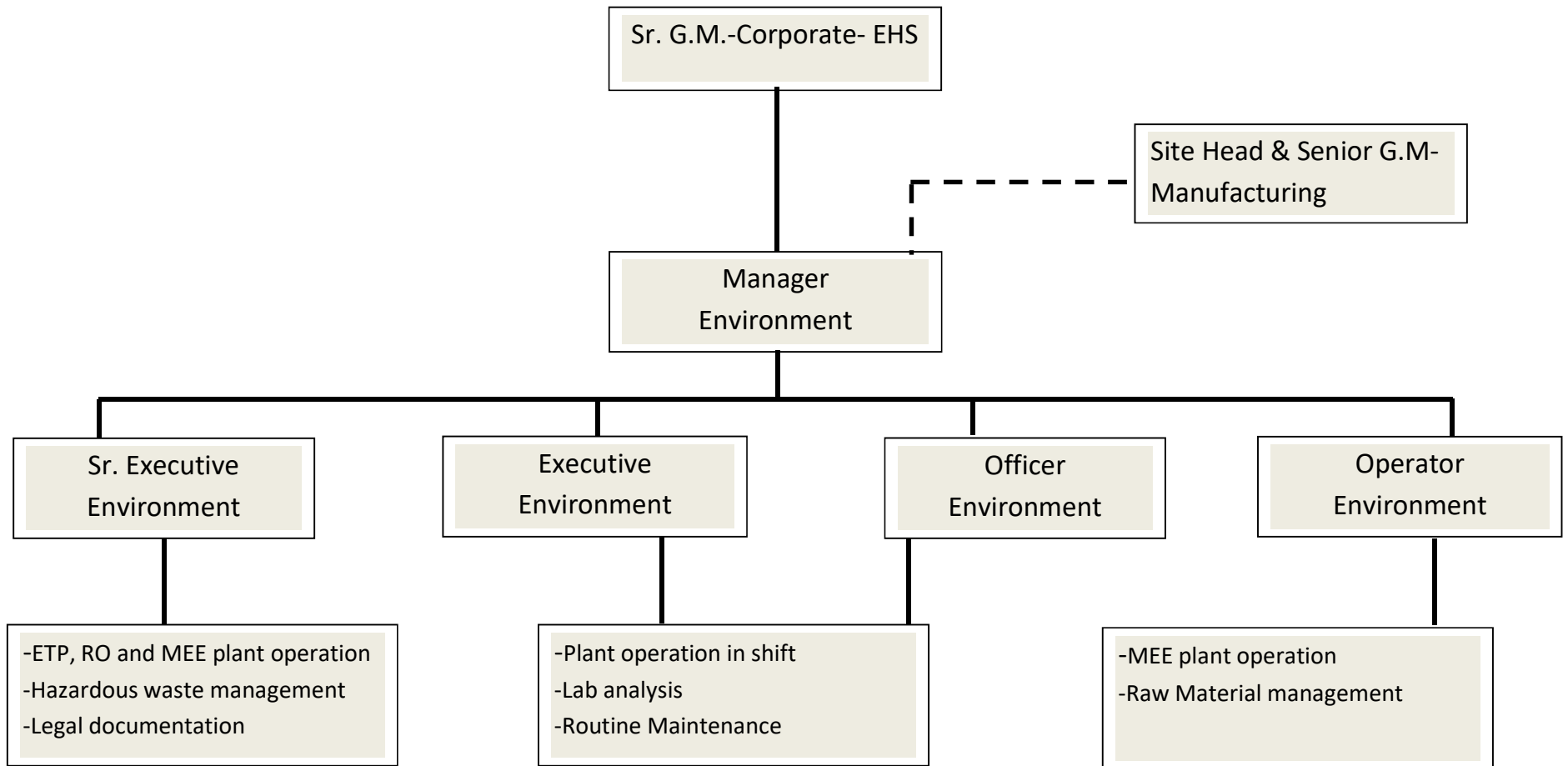
- Provide, maintain and upgrade facilities, operations and working conditions such that they are safe for all employees, visitors, contractors and general public.
- Integrate Environment, Process safety, Health, Sustainability and Occupational Safety aspects into planning and decision making of business processes.
- Protect the health and wellbeing of employees and encourage them to adopt practices for maintenance of good health.
- Operate business in a sustainable and socially responsible manner to minimize impact on the environment and to ensure robustness of our supply chain.
- Comply with all applicable regulations and requirements, in letter and spirit.
- Encourage and adopt measures for continual improvement of Environment, Health, Safety and Sustainability parameters by deploying relevant and adequate processes and technology.
- Provide necessary information, train and motivate all employees to conduct operations effectively and responsibly.
- Interact and work closely with all key stakeholders, both internal and external with regard to EHS&S matters, performance and progress.

This policy is applicable to all sites and offices.

Date: 09th July, 2019

Nilesh Gupta  
Managing Director

## *Environment Management Cell*



———— Functional Reporting

- - - - Administrative Reporting

o/c

LUPIN LIMITED  
Plot No. 21, Village Debhasa  
Taluka Padra, Dist. Baroda - 391 440  
Tel: 91 - 3062 - 228314, 228326

REGISTRATION NO. GPCB/REG/10/100/2018  
AL. PAPER NO. 100/140  
Gujarat Poll. Control Bd.  
Paryavaran Bhavan, Sector 10-A,  
Gandhinagar, Vadodra - 390 010  
www.gpcb.org  
Toll free: 1800-200-0000  
(Fax: 91-79-228326)

Annexure I



**LUPIN**

Date: 22/09/2021

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

Subject: Submission of Environmental Statement in Form V for the financial year 2020-21.

Dear Sir,

With reference to above subject, we are herewith submitting Environmental Statement in Form – V for the financial year 2020-21.

Kindly acknowledge the receipt of the same.

Thanking You,

For LUPIN LIMITED

Authorised Signature  
Rakesh Dave.  
(Site Head & Sr. G M Manufacturing)

CC: Regional Office, GPCB, Vadodara

Encl.: Form – V (Environmental Statement)

23/09/2021

LUPIN LIMITED

**FORM – V**  
(See Rule 14)

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

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

**ENVIRONMENTAL STATEMENT for the financial year ending the 31<sup>st</sup> March 2021**  
**PART – A**

(i)	Name and address of the owner / occupier of the industry operation of process.	:	<b>LUPIN LIMITED</b> <b>BLOCK NO. 21, VILLAGE : DABHASA, TALUKA :</b> <b>PADRA, DIST : VADODARA – 391 440</b>
(ii)	Industry category – Primary – (STC Code) Secondary – (STC Code)	:	<b>Large Scale Industry</b>
(iii)	Production capacity Units	:	<b>725 MT / Year</b>
(iv)	Year of establishment	:	<b>1999</b>
(vi)	Date of the last Environmental Statement submitted	:	<b>10<sup>th</sup>/09/2020</b>

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

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

## PART – B

## Water and Raw Material Consumption

(1)	Water Consumption m <sup>3</sup> / day	270.01 m <sup>3</sup> /day
	Process	125.95 m <sup>3</sup> /day
	Boiler, Cooling & DM	30.18 m <sup>3</sup> /day
	Domestic	113.87 m <sup>3</sup> /day

Name of Products	Process water consumption per unit of product output	
	During the previous Financial year KL/Kg. 2019-20	During the current Financial year KL/Kg. 2020-21
	(1)	(2)
	0.246	0.167
ANNEXURE – I		

## (ii) Raw material consumption

*Name of the raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous Financial year 2019-20	During the current Financial year 2020-21
ANNEXURE - II			

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

## PART – C

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

Pollutants	Quantity of pollutants discharge (mass/day)	Concentration of pollutants in discharges (mass / volume)	Percentage of variation from prescribed standards with reasons
(a) Water	The site is zero liquid discharge unit, hence no pollutants are discharge.		No Permissible Limits for wastewater, as the unit is ZLD.
(b) Air	STACK	PM : < 150 mg / Nm <sup>3</sup>	Below Permissible Limits
		SO <sub>2</sub> : < 100 ppm	Below Permissible Limits
		NO <sub>x</sub> : < 50 ppm	Below Permissible Limits
	PROCESS VENT	HCL : < 20 mg / Nm <sup>3</sup>	Below Permissible Limits
		NH <sub>3</sub> : < 175 mg / m <sup>3</sup>	Below Permissible Limits
		SO <sub>2</sub> : < 40 mg / Nm <sup>3</sup>	Below Permissible Limits

## PART – D

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

Hazardous Wastes	Total Quantity (Kg.)	
	During the previous Financial year 2019-20	During the current Financial year 2020-21
(a) From process	ANNEXURE - III	
(b) From pollution control facilities		

## PART – E

Solid Wastes

	Total Quantity (Kg.)	
	During the previous Financial year 2019-20	During the current Financial year 2020-21
(a) From process	ANNEXURE – IV	
(b) From pollution control facilities		
(c) (1) Quantity recycled or re-utilized within the unit (2) Sold (3) Disposal		

## PART – F

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

5.1	USED OIL	Disposal by selling to registered Re-Refiners / Recyclers / Disposal at M/S. BEIL- Ankleshwar / SEPPL
28.1	PROCESS RESIDUE & WASTE	Disposal at Common TSDF for (Incineration at SEPPL/ co-processing at Ultratech Cement, Kovaya / waste mix facility at BEIL, Ankleshwar / GGEPIPL/ RSPL
28.2	SPENT CATALYST	Disposal at Common TSDF – Incineration at SEPPL/ BEIL/ Off-site recovery at units from where the Catalyst is procured / others units doing recovery and granted registration of CPCB and authorization of CPCB.
28.3	SPENT CARBON	Disposal at Common TSDF – Incineration at SEPPL/ co-processing at Ultratech Cement, Kovaya / waste mix facility at GGEPIPL/BEIL, Ankleshwar / RSPL
28.4	OFF SPECIFICATION PRODUCT	Disposal by Incineration at CHWI-SEPPL/ Co-Processing at Ultratech Cement, Kovaya / waste Mix facility at GGEPIPL & BEIL Ankleshwar /RSPL.
28.6	SPENT SOLVENT	Disposal at common TSDF ( incineration at SEPPL/ Co-Processing at Ultratech Cement Kovaya / waste Mix Facility at GGEPIPL/ BEIL- Ankleshwar /RSPL and selling to Authorized reuser
33.1	DISCARDED CONTAINERS / LINERS	Disposal at approved decontamination Facility i.e. sale to registered recycler after decontamination

35.3	ETP SLUDGE	Disposal at common TSDF of SEPPL, /BEIL/Eco care Infrastructures Pvt. Ltd. Surendranagar /GGEPIPL
35.3	SPENT ION EXCHANGE RESIN CONTAINING TOXIC METALS	Disposal at common TSDF- incineration at SEPPL / CGEPIPL
35.3	ATFD SOLID	Collection, Storage, transportation & disposal at common TSDF of SFIPPL quantity/ GGEPIPL/ BEIL- Dahej/Eco care Infrastructures Pvt Ltd. Surendranagar /GG EPIPL
--	INSULATION WASTE	Collection, Storage, Transportation and disposal at common approved TSDF site.
B15	SPENT ACID	Collection, Storage, Transportation / selling to M/s Shivam Alum
A10	LIQUOR AMMONIA	Collection, Storage, Transportation / selling to M/s. Jackson & Sons, Panoli / M/s. Ankleshwar Ammonia

**PART – G**

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

- Energy efficient fan installed on cooling tower to reduce power consumption.
- Total 2617 m3 rain water is recharged within and outside the premises.
- Entire treated effluent is recycled & reused in utility etc.

**PART – H**

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

- Initiated Two stage scrubbing system instead of single stage scrubber system for P-2, P-4 (Cost approx. -24 Lac), Project under progress.

**PART - I**

Any other particulars for improving the quality of the environment.

Environment Day celebrated on 5<sup>th</sup> June-2021 with 1000 Nos. Tulsi tree plantation done and total Nos. of Trees at site are around 12500 Nos.

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



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

## ANNEXURE – I

## PRODUCTION DETAILS

## PRODUCTION - FY 2020-21

MONTH	QTY. (MT)
Apr-20	7.49
May-20	28.56
Jun-20	23.36
Jul-20	22.48
Aug-20	24.07
Sep-20	19.23
Oct-20	22.14
Nov-20	23.11
Dec-20	26.91
Jan-21	27.02
Feb-21	23.00
Mar-21	27.37
<b>Total</b>	<b>274.93</b>

Process Water KL / Kg of Production = 0.167 KL/Kg

## PRODUCTION - FY 2019-20

MONTH	QTY. (MT)
Apr-19	13.45
May-19	16.61
Jun-19	21.58
Jul-19	10.76
Aug-19	10.83
Sep-19	9.82
Oct-19	7.89
Nov-19	18.11
Dec-19	13.60
Jan-20	7.90
Feb-20	9.06
Mar-20	17.85
<b>Total</b>	<b>157.45</b>

Process Water KL / Kg of Production = 0.246 KL/Kg



## ANNEXURE – II RAW MATERIAL DETAILS

Sr. No.	RAW MATERIAL DETAILS	Kg/kg
1	<b>Teneligliptin Hydrobromide Hydrate</b>	
	1,3-PTH	0.57
	3-MPPP	0.46
	Sodium Triethoxy borohydride	1.03
	Con.HCl	0.00
	NaHCO <sub>3</sub>	0.29
	MDC	7.56
	Dysol	9.50
	HBR (In 48% HBR solution)	0.52
	Activated carbon	0.10
	Hyflow celite	0.05
	Methanol	2.00
	Isopropanol(IPA)	9.12
2	<b>Levetiracetam</b>	
	SABAM Hydrochloride	1.03
	4-Chlorobutanoyl chloride	1.16
	Anhydrous sodium sulphate	1.55
	Pottasium hydroxide	2.01
	tetra butyl ammonium bromide	0.12
	Celite	0.58
	Activated carbon	0.16
	Dichloromethane	25.08
Ethyl acetate	18.84	
3	<b>Rifaximin</b>	
	Rifamycin-O	2.19
	2-amino-4-methylpyridine	0.94
	Ascorbic acid	0.06
	Con.HCl	0.63
	Methanol	6.59
	Methanol	7.57
4	<b>Pregabalin</b>	
	Sodium Hydroxide	0.43
	Sodium Hypo Chloride	9.44
	Sulfuric Acid	1.33
	Activated carbon	0.08
Celite	0.01	

	Isopropyl alcohol	6.94
5	<b>Acotiamide hydrochloride hydrate</b>	
	2,4,5-TMBA	0.76
	EATC	0.59
	Thionyl chloride	0.45
	TEA	0.36
	Na <sub>2</sub> CO <sub>3</sub>	0.12
	DMF	0.02
	Toluene	13.42
	IPA	1.20
	DIPDA	1.00
	MeOH	4.67
	HCl (For Methanol.HCl)	0.79
	DMAC	1.17
	Methanol	1.24
	IPA	12.29
	Activated carbon	0.05
	Hyflow celite	0.03
	6	<b>Azithromycin monohydrate</b>
Erythromycin base		2.57
Hydroxylamine hydrochloride		0.97
Sodium hydroxide		1.47
Tri ethylamine		0.52
Methanol		37.42
p-toluene sulphonyl chloride		1.23
Sodium bicarbonate		0.54
Conc HCl		0.36
DCM		33.81
Activated carbon		0.27
Celite		0.12
Perchloric acid (70%)		0.55
Acetone		7.19
5%Pt/C		0.18
Hydrogen		0.05
Formic acid		0.29
Formaldehyde		0.31
Denatured ethanol with acetone	11.90	
7	<b>Azithromycin dihydrate</b>	
	Erythromycin thiocyanate	1.80
	Liq. Ammonia	2.03
	Hydroxylamine hydrochloride	0.71

	Sodium hydroxide	0.37
	Tri ethylamine	0.44
	p-toluene sulphonyl chloride	0.92
	Sodium bicarbonate	0.40
	Conc HCl	0.27
	Methanol (stripping)	4.28
	MDC(TIOC to ery.base)	15.70
	MDC (ZTA-I to ZTA-II reaction)	11.93
	Perchloric acid (70%)	0.44
	Sodium hydroxide	0.18
	Acetone	1.17
	Methanol	10.52
	5%Pt/C	0.15
	Hydrogen	0.04
	Methanol	2.00
	Acetone	4.99
	Formic acid	0.31
	Formaldehyde	0.29
	Sodium hydroxide	0.25
	Sodium hydroxide	0.06
	Acetone	11.24
	Activated carbon	0.06
	Celite	0.02
	<b>4-Imino-3-Amino Rifamycin-S / Imino Rifamycin - S</b>	
	Rifamycin S/S1	4.32
	Formamide	12.75
	Ammonium persulphate	0.60
	Sodium azide	1.41
	Acetic acid	1.58
8	Sodium chloride	3.76
	Chloroform	55.76
	2-Methoxyethanol	3.99
	Diisopropyl ether	5.45
	Ammonia	0.79
	Tetrahydrofuran	6.35
	Methanol	5.09
	2-Methoxyethanol	2.76
9	<b>Mesalamine</b>	
	5-Nitro salicylic acid	1.11
	Pottasium hydroxide	0.44
	Sodium dithionite	0.01

	EDTA	0.01
	Conc.HCl	0.67
	Methanol	2.60
	Ra/Ni	0.09
	Hydrogen	0.00
	Sodium dithionite	0.01
	Sodium hydroxide	0.33
	Conc.HCl	0.72
	Methanol	2.60
	Acetone	0.87
10	<b>Mirabegron</b>	
	R-APPE HCl -- ((1R)-2-[[2-(4-aminophenyl)ethyl]amino]-1-phenylethanol)	1.04
	ATAA -- ((2-amino-1,3-thiazol-4-yl)acetic acid)	0.56
	DEC HCL-- (N-[3-(dimethylamino)propyl]-N'-ethylcarbodiimide hydrochloride)	0.75
	Aq. Ammonia	0.36
	Conc. HCl	0.34
	IPA	18.75
	Methanol	13.75
	Activated Carbon	0.06
	Celite	0.15
11	<b>Flupirtine Maleate</b>	
	2-Amino-6- chloro -3-nitropyridine (ACNP)	0.89
	IPA	28.73
	4- Flouro benzyl amine (4-FBA)	0.63
	Triethyl amine (TEA)	0.63
	Tetra butyl ammonium bromide (TBAB)	0.11
	Hydrazine hydrate (HH)	1.14
	Ethylchloroformate (ECF)	0.57
	Maleic acid	0.73
	Catalyst	0.00
	Raney Nickel (Ra-Ni)	0.06
	Toluene	9.85
	Methanol	13.00
12	<b>Atorvastatin Calcium (Trihydrate / Amorphous)</b>	
	Cyano compound	1.59
	Diketo compound	2.43
	Pivalic acid	0.47
	Sodium bicarbonate	0.56
	Conc HCl	1.10
	Ammonia solun (25%)	0.17
	Catalyst	0.00
Raney nickel	0.16	

	Act carbon	0.02
	Celite	0.02
	Ammonia	1.59
	Hydrogen	0.03
	Methanol	26.92
	Cyclohexane	16.67
	Ethyl acetate	4.30
	IPA	38.00
	Sodium hydroxide	0.26
	Calcium acetate	0.33
	Tert butylmethylether	18.33
	Butylated hydroxyl anisole	0.00
	Methylethylketone	4.14
13	<b>Febuxostat</b>	
	Ethyl-2-(3-cyano-4-isobutoxyphenyl)-4-methyl-5-thiazolecarboxylate	1.53
	Sodium hydroxide	0.23
	Conc. HCl	0.62
	IPA	6.00
	Acetone	13.34
	Activated carbon	0.06
	Celite	0.06
14	<b>Dabigatran Etxilate Mesylate</b>	
	KSM-1	2.17
	KSM-2	1.14
	CDI	1.13
	Pyridine hydrobromide	0.51
	Acetic acid	2.40
	Liquor ammonia	3.04
	Dichloromethane	36.01
	THF	1.15
	Dysol	12.07
	Ammonium acetate	4.45
	HCl	4.69
	Dysol	29.76
	IPA	19.46
	Dichloromethane	6.54
	Pottasium carbonate	1.69
	1-Hexyl Chloro formate	0.87
Sodium chloride	0.41	
THF	26.83	
IPA	36.06	

	Acetone	16.29
	Methane sulfonic acid	0.18
15	<b>Lacosamide</b>	
	D-Serine	2.50
	NaOH (Sodium hydroxide) for Laco-I	3.35
	DIBOC (DI-tert butyldicarbonate)	12.50
	NaOH (Sodium hydroxide) for Laco-II	8.60
	Dimethyl sulphate (DMS)	22.44
	Conc. Hydrochloric acid (HCL) for Laco-II	18.50
	Ethyl chloroformate	3.75
	N-methyl morpholine	3.45
	Benzylamine	3.68
	Sodium bicarbonate	0.40
	Sodium hydroxide	3.25
	Acetic anhydride	2.43
	Sodium carbonate	0.25
	Methylene dichloride (MDC)	30.15
	Ethyl acetate	31.57
16	<b>Eslicarbazepine acetate</b>	
	Oxcarbapazine	2.74
	Caustic lye (48%)	0.05
	Sodium borohydride	0.41
	Conc. HCl (35%)	1.10
	L(+)-Tartaric Acid	1.75
	Acetic anhydride	5.71
	Sulphuric acid	0.02
	Pyridine	0.84
	Dimethyl amino pyridine (DMAP)	0.04
	Toluene	4.28
	Methylene dichloride (MDC)	32.26
	Caustic lye (48%)	1.61
	Triethyl amine	0.53
	Dimethyl amino pyridine	0.03
	Conc. HCL	0.67
	Sodium bicarbonate	0.56
Activated carbon	0.11	
Celite	0.22	
Isopropyl alcohol (IPA)	20.09	
17	<b>Rufinamide</b>	
	RFN-II (Acid compound)	1.39
	Conc. Sulphuric acid (98%)	0.29

	Methanol	12.08
	Methanol in methanolic ammonia solution	12.61
	Ammonia in methanolic ammonia solution	2.81
	DMF	7.08
	Methanol	18.79
18	<b>Desvenlafaxine succinate monohydrate</b>	
	Venlafaxine hydrochloride	1.92
	Diethyl amino ethane thiol HCl	1.25
	Sodium Hydroxide	3.42
	Dimethyl sulfoxide	10.58
	Conc.HCl	6.54
	Aqueous ammonia	17.36
	Toluene	13.34
	MDC	25.50
	Activated carbon	0.25
	Celite	0.10
	Succinic acid	0.62
	Acetone	10.07
19	<b>Desvenlafaxine benzoate</b>	
	Venlafaxine hydrochloride	1.92
	Diethyl amino ethane thiol HCl	1.25
	Sodium Hydroxide	3.42
	Dimethyl sulfoxide	10.58
	Conc.HCl	6.54
	Aqueous ammonia	17.36
	Toluene	13.34
	MDC	25.50
	Activated carbon	0.25
	Celite	0.10
	Benzoic acid	0.64
	Isopropyl alcohol	23.75
20	<b>Ferric Citrate</b>	
	Citric acid monohydrate	0.95
	Ferric chloride hexahydrate	1.22
	Sodium hydroxide	0.58
	Acetone	24.86
	IPA	18.69
21	<b>Pirfenidone</b>	
	2-Hydroxy-5-methylpyridine (HMP)	1.00
	Bromobenzene	1.74
	Potassium carbonate	1.52

	Copperiodide	0.17
	Morpholine	0.16
	Liquor ammonia	1.35
	Sodium chloride	1.25
	DMF	1.89
	Ethyl acetate	17.14
	n-Heptane	5.47
	Activated carbon	0.05
	Celite	0.04
22	<b>Rivaroxaban</b>	
	RVX-II	1.04
	5-Chlorothiophene 2-carboxylic acid	0.63
	Thionyl chloride	0.55
	Potassium carbonate	1.09
	N,N-Dimethylformamide	3.01
	Conc. HCl	0.30
	Dichloromethane	19.40
	Methanol	1.78
	Acetic acid	13.46
23	<b>Apremilast / Apremilast Form M</b>	
	APR-I	2.29
	N-Acetyl-L-Leucine	0.87
	Methanol	43.09
	3-Acetamidophthalic anhydride	0.66
	Sodium bicarbonate	1.65
	Acetic acid	7.20
	Ethyl acetate	14.86
	Acetone	7.60
	Methanol	8.69
	Celite	0.07
	Activated carbon	0.14
	Apremilast for seeding	0.00
	Acetone	4.89



## HAZARDOUS WASTE DETAILS

## ANNEXURE – III

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]		Total Quantity (Kg.)		
Hazardous Wastes	Category	Type of Hazardous Waste	During the previous Financial year 2019-20	During the current Financial year 2020-21
	5.1	USED OIL	0	3545
	28.1	PROCESS RESIDUE & WASTE	1304172	1617820
	28.3	SPENT CARBON	33315	29760
	28.2	SPENT CATALYST	1076	2364
	28.4	OFF SPECIFICATION PRODUCT	8963	4495
	28.6	SPENT SOLVENT	928995	1475555
	33.1	DISCARDED CONTAINERS in Nos.	0	0
(a) From Process	33.1	DISCARDED LINERS	27750	31190
	33.1	NRP WASTE (LINER + USED PPES)	33660	32190
	33.1	SOLID WASTE INCINERATION (PAPER/COTTON WASTE)	10005	7925
	33.1	CUTTING CARBOY – IN KG	46265	60955
	B15	SPENT ACID	0	0
	A10	LIQUOR AMMONIA (100%)	0	0
(b) From pollutant control facilities	35.3	ETP SLUDGE	249565	200940
	35.3	ATFD SOLID	220040	286765

## ANNEXURE – IV SOLID WASTE DETAILS

## Solid Wastes

	Category	Type of Hazardous Waste	Total Quantity (Kg.)	
			During the previous Financial year 2019-20	During the current Financial year 2020-21
(a) From Process	-	INSULATION WASTE	17470	9480
(b) From pollutant control facilities	--	--	--	--
(c) (1) Quantity recycled or re-utilized within the unit	--	--	--	--
(2) Sold	--	--	--	--
(3) Disposal	--	--	--	--

## Note:

- i) Solid waste generated as scrap consisting MS, SS, Aluminium, Glass, Fiber, Wooden, PVC & Corrugated box is 210.18 MT and these is sold during FY-2020-21
- ii) Total insulation waste quantity of 9.480 MT is disposed, out of that 5.510 MT sent for Incineration and 3.970 MT sent to TSDF sites for landfill.