**PharmaZell (India) Private Limited**
Plot No. B5 & B6, MEPZ, Tambaram,
Chennai – 600 045. Tamil Nadu, India
Phone : 044 2262 6261/62/63
Mail id : pipl@axplora.com

ISO 9001
ISO 14001
&
ISO 45001
Certified

axplora
Reliable partner. Agile explorer.

To

29th May 2026

**The Member Secretary,**
**State Environmental Impact Assessment Authority,**
**No 337, METROS, 9th Floor,**
**Anna Salai, Nandanam,**
**Chennai – 600 035.**

Dear Sir,

Sub :Six monthly Compliance statement for EC conditions **UNIT 1**- Reg
Ref :Letter No: SEIAA/TN/F.6100/5 (f)/EC-54/2017 dt: 16.10.2017

We are submitting herewith, the compliance report of the conditions specified in the Environment Clearance obtained for the Unit vide letter mentioned in the reference

Kindly acknowledge the receipt.

Thanking you

Yours truly,
For PharmaZell (India) Private Limited

M. Sukumar
Head - Operations

Cc:

1. Deputy Director General of Forests (Central), Regional Office MoEF&CC
2. REGIONAL DIRECTORATE – CHENNAI, CPCB Regional office
3. The Member Secretary, TNPCB
4. JCEE and DEE, M.M. Nagar TNPCB (Soft copy through email)

**Pharmazell (India) Private Limited Unit-I**
**EC Compliance Report**

## A. SPECIFIC CONDITION

| S.NO | CONDITIONS | COMPLIANCE |
|---|---|---|
| 1 | It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior environmental clearance issued. | Complied.<br><br>Half yearly compliance report is being submitted to SEIAA within the stipulated timelines. Recent compliance report is submitted on 01.12.2025. |
| 2 | "Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board and a copy of the same shall be furnished to the SEIAA, Tamil Nadu before start of project construction activity at the site. | Complied.<br><br>Consent for Establishment for expansion under Air (Prevention and control of pollution). Act, 1981 and water water (Prevention and control of pollution) Act, 1974 was obtained vide letter no. T5/TNPCB/F.0168MMN/RL/MMN/A/1018 and T5/TNPCB/F.0168MMN/RL/MMN/A/1018 dated 15.06.2018.<br><br>Accordance of CTE was communicated as compliance status of this condition while submitting the six monthly compliance report dated on 01.03.2019<br>Further, CTO was obtained from TNPCB under Air (Prevention and control of pollution) Act., 1981 and water (prevention and control of pollution) Act, 1974, and the current renewal consent order are 2608173017002 and 2608273017002 dated 21.05.2026 valid till 31.03.2029. |
| 3 | The implementation of environmental management plan in regard to treatment and disposal of sewage & effluent, solid waste management, Hazardous - waste management, and CSR activities should be carried out, as proposed and committed. Regular monitoring should be carried out during operation phases. | Complied.<br><br>In line with the EC conditions, sewage is sent to CSTP operated by MEPZ. Effluent is treated in inhouse ETP comprising of biological treatment followed by RO and MEE. Treated water is recycled in cooling tower make up, thus achieving ZLD. |

| S.NO | CONDITIONS | COMPLIANCE |
|---|---|---|
| | | General solid wastes are being disposed to common collection agency through MEPZ.<br>Hazardous wastes are being handled as per the authorisation issued to the Unit.<br><br>CSR activities are being carried out periodically. CSR Activities Carried out during 2025-26 is attached as Annexure 1. |
| 4 | The residue collected from the evaporator shall be documented by maintaining proper register and it should be made available at the time of inspection. | Complied.<br><br>The residue from the Evaporator is being stored in an isolated hazardous storage area and Form-3 registered is maintained. |
| 5 | Adequate dust extraction system such as ducting with dust extracting arrangement wherever required shall be established to achieve occupational- health standards and ambient air quality standards. | Complied.<br><br>Wet Scrubber system is available and reactor vents are connected to scrubber. Dust extraction systems (Cyclone separators) are also available to achieve occupational- health standards and ambient air quality standards.<br>Periodical AAQ monitoring and work place monitoring is being carried out to ensure the standards are being met. |
| 6 | The proponent shall carryout best housekeeping practices as spillage management for handling and maintenance of the raw materials and products inside the unit premises. | Complied.<br><br>Best housekeeping practices are being followed during handling of materials. Raw materials and products are kept in dedicated warehouses. Containment facilities are available for storage tanks to minimize spillage. |
| **7** | Nature of chemicals handled, the DO and Don'ts shall be displayed at all vital locations as laided down in MSDS. | Complied.<br><br>DO's and Don'ts are displayed near the bulk storages. MSDS and compatibility charts are displayed in prominent locations. |
| 8 | The proponent shall ensure that the quantity of hazardous waste handed over to the TSDF shall match with quantity generated. | Complied.<br><br>Hazardous wastes are disposed in line with the hazardous waste authorisation obtained. Details of generation and disposal are maintained in Form 3 and annual report is being submitted to TNPCB in Form 4. |

| S.NO | CONDITIONS | COMPLIANCE |
|---|---|---|
| 9 | The proponent shall provide a separate closed area earmarked for storing solid waste including hazardous waste as proposed. | Complied.<br><br>Hazardous waste & solid waste are being stored in dedicated sheds with lock and key arrangements. |
| 10 | The proponent shall dispose hazardous waste generated as per the hazardous and other wastes (Management and Transboundary Movement) rules, 2016. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed off through TNPCB registered recyclers. | Complied.<br><br>Spent oil from D.G sets stored in HDPE drums in an isolated covered facility (Hazardous waste storage area) and sent to recyclers registered with TNPCB. |
| 11 | The plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2016. | Complied.<br><br>Plastic waste is segregated and disposed to scrap vendor through MEPZ |
| 12 | The e- waste generated should be collected and disposed to a nearby authorized e-waste center as per e waste (Management & Handling), rules 2016. | Complied.<br><br>The e-waste is segregated and disposed of through TNPCB authorised e-waste recycler |
| 13 | The Municipal solid waste generated shall be collected, segregated and disposed as per Solid Waste Management Rules, 2016 | Complied.<br><br>The Municipal solid waste generated is being collected, segregated, and disposed to scrap vendor through MEPZ |
| 14 | The industry shall conduct air sampling at least once in six months for the general core parameters (PM10, PM25, Sox, NOx) through TNPCB/NABL accredited Laboratory and maintain records of the same and it should be made available at the time of inspection. | Complied.<br><br>AAQ monitoring for the general core parameters (PM10, PM25, Sox, NOx) is carried out by TNPCB lab twice a year and by NABL accredited lab on a monthly basis. Reports are maintained. |

| S.NO | CONDITIONS | COMPLIANCE |
|---|---|---|
| 15 | Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned the EMP report for creating base line data shall be continued and records shall be maintained. | Complied.<br><br>Monitoring the air quality, water quality and noise in the surrounding areas are being carried out and records are being maintained. |
| 16 | A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards. | Complied.<br><br>A separate environment and safety management cell is available. The unit has AGM (Health Safety and Environment) assisted by Manager and couple of Executives for environmental monitoring. |
| 17 | The land area of 400 Sq.m of green belt area already developed within the project area shall be properly maintained. | Complied.<br><br>Greenbelt area mentioned is being maintained all along the plant premises.<br><br>In addition to this we have also carried out a massive tree plantation in the nearby Pulikoradu forest in planting 1500 trees in 3 Ha during 2024-25 |
| 18 | The industry shall promote tree plantation on neutralize their carbon foot print. The industry shall engage regularly in afforestation program. | Complied.<br><br>Tree plantation through CSR Activity is being done regularly.<br>During 2024-25, we have carried out a massive tree plantation in the nearby Pulikoradu forest in planting 1500 trees in 3 Ha |
| 19 | The proponent shall ensure effective risk management strategy regarding confined space management to avoid risk while handling raw materials, products in the process area and storage. | Complied.<br><br>Risks involved in material handling, storage and production activities are assessed and mitigation plans are available. Entry into confined spaces are managed through work permit systems after checking the oxygen and chemical contents. |

| S.NO | CONDITIONS | COMPLIANCE |
|---|---|---|
| 20 | Risk cum disaster management plan should be in place at the time of commissioning. | Complied.<br><br>Risk cum disaster management plan (Onsite Emergency Plan) was prepared and maintained. |
| 21 | Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water drawl. | Complied.<br><br>Rainwater harvesting system has been implemented in our unit to collect and reuse the rainwater. Several water conservation measures were implemented and maintained to reduce freshwater consumption.<br>1. Steam condensate recovery<br>2. High pressure jet pump for cleaning<br>3. Optimised product washing |
| 22 | Scheduled flora and fauna found in the study area of the core zone around the project site shall be monitored closely and a plan shall be prepared and implemented for their conservation. | Not applicable.<br><br>The unit is situated within Special Economic Zone and there is no scheduled species within the zone. |
| 23 | The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be provided considering the catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises. | Complied.<br><br>Natural drainage pattern was not disturbed as the layout was made by MEPZ and land was allotted accordingly.<br>Proper storm water drainages are provided all along the site and provided sluice gate controls to ensure proper run off during rain. Hence flooding is avoided inside the premises. |
| 24 | The environmental clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/ Hon'ble High Court of Madras. | Noted. |
| 25 | The salt recovered from the effluent treatment system shall not be disposed into the secured landfill, in order to prevent ground water pollution problems, being a highly soluble substance. | Complied.<br><br>The reject from the process being treated in the ATFD and the salt generated is being stored in isolated hazardous storage area and a register is maintained and documented for salt generation. |

| S.NO | CONDITIONS | COMPLIANCE |
|---|---|---|
| 26 | The project proponent shall earmark adequate funds to develop R&D for the recovery and reuse within the reasonable time frame in consultation with TNPCB | Complied.<br><br>Well developed R&D setup is available and sufficient resources are being allocated regularly to identify potential sources of recovery and reuse of energy, water, solid wastes etc. Major recovery process achieved is as follows.<br>1. Evaporated vapors from one of the process is condensed and the same is reused in the process for water requirement.<br>2. Centrifuge ML is reused in the process for water requirement.<br>3. Effluent reduction of about 20% was achieved by reducing the product washing steps. |
| 27 | The project proponent shall explore alternate technologies to reduce or prevent use of salt in the manufacturing process. | Complied.<br><br>Various process optimization steps have been taken up with the help of R&D to reuse water from process condensate and reduction of effluent and thereby reducing the salt. |
| 28 | The project proponent has to provide rain water harvesting collection tank to the capacity of 220 cu.m in order to recover and reuse the rain water during normal rains. | Complied.<br><br>Rainwater collecting system and storm water drain is available at the facility. Rain water collection tank with the capacity of 50 cu.m is provided within the facility to collect and utilize the rain water. A transfer pump is available to transfer the collected water to overhead raw water tank of capacity 50 cu.m |

**(B) GENERAL CONDITIONS**

| S.NO | CONDITIONS | COMPLIANCE |
|---|---|---|
| 1 | This environmental clearance shall not be cited to relax any other rules applicable to this project | Noted. |
| 2 | The project proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of issue of the Environmental clearance informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with TNPCB and also at the Website of the SEIAA, TN at http:/www.seiaa.tn.gov.in | Complied.<br><br>Advertisement was made in English news paper 'Times Nation' and tamil news paper ' thina thandhi' on 13.11.2017. Copy of the advertisment was forwarded to Regional office along with compliance report submitted on 01.03.2019. |
| 3 | A copy of the Environmental Clearance shall be sent by the project proponent to concerned local body and local NGO, if any from whom suggestions/representatives, if any were received while processing the proposal. | Not applicable<br><br>No representations were received from locals and hence this condition is not applicable. |
| 4 | The environmental Clearance shall also be put on the website of the company. | Complied.<br><br>We have uploaded the copy of environmental Clearance to our company website. Link detail is https://www.axplora.com/about-axplora/manufacturing-sites-in-india/#chennai |
| 5 | No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any | Complied.<br><br>We have applied for further expansion of manufacturing unit with addition of new products and increase in total production capacity from 166.6 TPM to 236.4 TPM and obtained Terms of Reference. |

| | | |
|---|---|---|
| 6 | All the environmental protection measures and safeguards as recommended in the EIA report shall be complied with. | Complied.<br><br>Environmental protection measures mentioned in the EIA report is established. |
| 7 | The implementation of the project vis-à-vis environmental action plans shall be monitored by the Regional office of MoEF & CC at Chennai, TNPCB and CPCB. A six monthly compliance status report shall be submitted to monitoring agencies regularly. | Complied<br><br>Compliance status is being submitted to RO, SPCB and CPCB at regular intervals as on half- yearly basis.<br>Recent compliance report is submitted via email dated 01.12.2025 |
| 8 | Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF & CC, GOI, at Chennai, TNPCB and Centre Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO2 and NOx outside the premises at the appropriate place for the general public. | Complied.<br><br>Online monitoring systems are available in Boiler and Scrubber stack and the data connected to TNPCB and Centre Pollution Control Board.<br><br>Ambient air quality monitoring, stack and fugitive emission monitoring is being carried out monthly. The reports are being submitted once a six month along with compliance report to MoEF RO, TNPCB and Centre Pollution Control Board. Recent compliance report is submitted on 01.12.2025.<br><br>Data is displayed near the main gate. |
| 9 | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act. | Complied.<br><br>Occupational health surveillance of the workers is done on a regular basis, and records are maintained as per the factories Act. |
| 10 | Proper house-keeping and cleanliness must be maintained within and outside the plant. | Complied<br><br>Proper house-keeping and cleanliness is being maintained within and outside the plant. |
| 11 | Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the | Complied<br><br>Occupational health surveillance program is being undertaken as |

| | | |
|---|---|---|
| | occupational health center shall be strengthened and the medical records of each employee should be maintained separately. | regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health center have been strengthened and the medical records of each employee are being maintained separately. |
| 12 | The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (day time) and 70 dBA (night time) | Complied.<br><br>Noise control measures including acoustic hoods, silencers, enclosures etc., on all sources of noise generation are provided. The ambient noise level is being monitored through a NABL accredited laboratory and the results are within the limits as per the standard |
| 13 | The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for free potable drinking water supply in the nearby village and schools shall be undertaken in a time bound manner. | Complied.<br><br>As part of CSR Activity 2024-25, drinking water RO plant was installed in nearby Government School and also in nearby village of Pulikoradu. |
| 14 | CSR activity shall be implemented as committed by drawing a scheme for social upliftment in the surrounding villages with reference to contribution in road construction, providing sanitation facilities, drinking water supply in the government schools nearby, community awareness, establishment of health centers, water supply to nearby villages and employment to local people whenever and wherever possible both for technical and non-technical jobs and protection of water sources around the project site etc. funds earmarked or CSR activity shall be used for that purpose only and separate account shall be maintained and report on implementation shall be furnished regularly. | Complied.<br><br>CSR activities are being carried out for the upliftment of the nearby peoples. Details of CSR activities taken up is being submitted along with six monthly compliances report.<br><br>CSR activities taken up during 2025-26 is attached as Annexure 1<br><br>CSR funds are allocated each year under separate Cost Center and the same is utilized only for the CSR activity. |
| 15 | A separate environmental management cell equipped with full-fledged laboratory facilities to carry out the various | Complied. |

| | | |
|---|---|---|
| | Environmental Management and monitoring functions shall be setup under control of a Senior Executive. | A separate environment and safety management cell has been set up. The unit has AGM (Health Safety and Environment) with Manager, Environment and Executive for environmental parameter monitoring. |
| 16 | The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the environment Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes. | ETP, UF, RO & Multiple Effect Evaporator, ATFD, scrubber systems, Online monitoring devices and other devices for pollution abatement at a capital cost of around 376.72 lakhs. They are being operated with a recurring expense of around 80 lacs per annum. |
| 17 | The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including result of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC, GOI at Chennai. The respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM,SO2 NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | Complied.<br><br>Compliance report along with the monitoring reports submitted to the Regional Office is uploaded in company's website. Those monitored date is displayed at the main gate. |
| 18 | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned state Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail. | Complied.<br><br>Form-V was submitted to TNPCB on 30.09.2025 and the status of compliance to EC conditions is uploaded on the company website.<br>Copy of Environmental statement submitted to TNPCB was shared to Regional Office of MoEF&CC on 21/11/2025 through email.<br>Environment statement is displayed in company's website |
| 19 | The Environmental Clearances is valid for 7 years from the date of issue. | Noted. |

| | | |
|---|---|---|
| 20 | Environmental clearance is being issued without prejudice to the action initiated under environment (Protection) Act. 1986 or any court case pending or any other court order shall prevail. | Noted. |
| 21 | The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection. | Noted. |
| 22 | The SEIAA/SEAC or any Competent Authority may suitably add any further condition (s) on receiving reports from the project authority. The above condition shall be monitored by the Regional Office of MoEF located at Chennai. | Noted. |
| 23 | The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory | Noted. |
| 24 | The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if at any stage of the validity of this environmental clearance. If it is found or if it comes to the knowledge of this SEIAA. TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate date for obtaining the environmental clearance. | Noted. |
| 25 | Failure to comply with any of the conditions mentioned above may result in with drawl of this clearance and attract action under the provisions of the Environment (Protection)Act, 1986 | Noted. |
| 26 | The SEIAA-TN reserves the right to stipulate additional conditions if found necessary. The industry in a time bound manner shall implement these conditions. | Noted. |
| 27 | The above conditions will be enforced inter-alia, under the provisions of the water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the environment (protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, drafts minor \mineral conservation & Development Rules, 2010 framed under MMDR act 1957, National | Noted. |

| | | |
|---|---|---|
| | Commission for protection of child right rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter. | |
| 28 | Any appeal against this environmental clearance shall lie with Hon'ble National Green Tribunal if Preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010 | No appeal was made. |

***

# Pharmazell India Pvt Ltd

## A. CSR Activities

| Year | CSR Activity | Amount spent in INR lakhs |
|---|---|---|
| 2025-26 | Department of Public Health & Preventive Medicine | 1.0 |
| | Providing 3-Seater Electric Ambulance with Stretcher and Steam Boiler | 9.76 |
| | MEPZMA CSR | 20.0 |
| | Wall of Kindness - Providing basic requirements of patients of TB / AIDS | 2.46 |
| | Medical Equipments provided to Government Hospital, Tambaram | 13.28 |
| | Creating a NIOS Accredited Learning Centre by providing Computer Lab, Home Science Laboratory, Bakery, Confectionary Lab & Library & Learning Centre | 16.0 |
| | Construction of Toilet Facility and a Library | 7.50 |
| | Providing infrastructure facility to Government Adhi Dhravidar and Welfare School, Tambaram, | 6.0 |
| | **Total** | **81.48** |
| | | |
| 2024-25 | Creating Awareness on ill effects of single use plastics | 3.0 |
| | Provided 3 Nos. Sysmax Cell Counter and 3 Nos. Vest Frost Ice Lined Refrigerators to Primary Health Centres in Chengalpet | 17.33 |
| | Green Belt Development at Pulikoradu Reserve Forest | 19.93 |
| | Providing Safe Drinking water to Pulikoradu Village | 6.07 |
| | Providing Safe Drinking water to Adi Dravidar Middle School, Kadaperi | 2.37 |
| | Medical Equipment provided to Government Hospital, Tambaram | 10.44 |
| | Furniture provided to Govt. ADW School, Tambaram | 3.66 |
| | **Total** | **62.8** |
| | | |
| 2023-24 | Initiative to eradicate hunger- implemented by TNFS - Food safety wings | 3.0 |
| | Providing ENT camara systems, X ray machines, Crash cart trolleys and Audiometry machine | 17.43 |
| | Flood relief material to Chengalpattu Collector | 1.0 |
| | Chest compression device to Hindu Mission Hospital | 6.16 |
| | GE Anesthesia workstation to Sankara Eye Hospital | 6.45 |
| | Sysmax cell counter with UPS-2 Nos & Vest frost ice refrigerator with Stabiliser - 2 Nos in PHC | 11.55 |
| | Muffle Furnace & controller SS Reactor with teflon lining to Pondicherry University | 2.71 |
| | **Total** | **48.3** |
| | | |
| 2022-23 | Antlia Pulmonary Device to Govt TB Hospital | 3.76 |
| | Godrej Table in Anna University | 0.15 |



# Pharmazell India Pvt Ltd

| | | |
|---|---|---|
| | Chrompet GH First Floor Civil Construction | 2.19 |
| | feno Niox Vero for Govt TB Hospital | 3.64 |
| | Chrompet GH Structural Stair Case & Tiles Flooring | 6.23 |
| | Chrompet GH First Floor Civil Construction & Alteration Work | 17.70 |
| | CSR Project @ Anna University - UV VIS Spectro Photometer | 6.49 |
| | **Total** | **40.17** |
| | | |
| 2021-22 | PPE KIT-90GSM to Govt TB Hospital -Chrompet-Tambaram | 2.41 |
| | Perforated 3 Seater Visitor Chair Chrompet GH | 0.54 |
| | DG Set Cabling Work for Govt Hospital of Thoracic Medicine | 5.05 |
| | DG Set Civil Erection Work - Govt TB Hospital | 2.98 |
| | Tree Plantation & Housekeeping @ GH Tambaram | 0.09 |
| | Perforated 3 Seater Visitor Chair Chrompet GH | 0.54 |
| | DG Set Cabling Work for Govt Hospital of Thoracic Medicine, Chrompet | 1.48 |
| | **Total** | **13.09** |
| | | |
| 2020-21 | PPE KITS for distribution to Doctors & Nurses at Govt Hospital, Tambaram | 8.12 |
| | 320 KVA DG set to Govt. Hospital Tambaram | 20.06 |
| | Blood Gas Analyser EPOC to Govt. Hospital Tambaram | 3.22 |
| | Chromepet GH additional Civlil Work | 0.99 |
| | Chromepet GH Electrical Fitting Work | 0.27 |
| | Construction of Outpatient waiting hall @ GH Chro | 18.88 |
| | Chromepet GH Hospital - Additional Pump for Washing Machine | 0.13 |
| | **Total** | **51.67** |
| | | |
| 2019-20 | Green School movement | 5.87 |
| | Good life center, home for homeless children | 19.85 |
| | **Total** | **25.72** |
| | | |
| 2018-19 | Green School Movement | 9.00 |
| | Gaja Cyclone relief | 4.91 |
| | Medical aids like to hospitals like Sankara Eye Hospital, Pammal, Government Hospitals etc | 10.97 |
| | Class room aids and smart rooms for AWD middle school, Government Higher Secondary School, Sittathur, etc | 22.12 |
| | **Total** | **47.00** |



CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

ilac-MRA

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26721/2025-26 & 25.11.2025** |
| **Sample Number** | **N-26721/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR CANTEEN** |
| **Sample Drawn on** | 19.11.2025 & 08.55 to 20.11.2025 & 08.55 |
| **Sample Received on** | 20.11.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.AA01-D-2021 |
| **Analysis Started on** | 20.11.2025 |
| **Analysis Completed on** | 25.11.2025 |
| **Environmental Condition** | |
| Relative Humidity | 68% |
| Ambient Temperature | 30.5°C |
| Wind Direction | NNE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 14.8 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 42.6 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 6.9 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 12.7 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 15.6 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 8.3 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26722/2025-26 & 25.11.2025** |
| **Sample Number** | **N-26722/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR DG AREA** |
| **Sample Drawn on** | 19.11.2025 & 09.10 to 20.11.2025 & 09.10 |
| **Sample Received on** | 20.11.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2245-DTK-2017 |
| **Analysis Started on** | 20.11.2025 |
| **Analysis Completed on** | 25.11.2025 |
| **Environmental Condition** | |
| Relative Humidity | 68% |
| Ambient Temperature | 30.5°C |
| Wind Direction | NNE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 23.5 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 53.7 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 9.6 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 17.2 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 18.6 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 12.3 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

ilac-MRA

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26723/2025-26 & 25.11.2025** |
| **Sample Number** | **N-26723/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR ETP AREA** |
| **Sample Drawn on** | 19.11.2025 & 09.35 to 20.11.2025 & 09.35 |
| **Sample Received on** | 20.11.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.3239-DTG-2019 |
| **Analysis Started on** | 20.11.2025 |
| **Analysis Completed on** | 25.11.2025 |
| **Environmental Condition** | |
| Relative Humidity | 68% |
| Ambient Temperature | 30.5°C |
| Wind Direction | NNE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 26.3 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 55.9 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 10.5 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 21.3 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 13.6 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 11.5 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

ilac-MRA

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26724/2025-26 & 25.11.2025** |
| **Sample Number** | **N-26724/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR SCRUBBER AREA** |
| **Sample Drawn on** | 19.11.2025 & 09.20 to 20.11.2025 & 09.20 |
| **Sample Received on** | 20.11.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.174-C-22 |
| **Analysis Started on** | 20.11.2025 |
| **Analysis Completed on** | 25.11.2025 |
| **Environmental Condition** | |
| Relative Humidity | 68% |
| Ambient Temperature | 30.5°C |
| Wind Direction | NNE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 19.5 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 47.6 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 8.2 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 14.8 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 11.2 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 19.8 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

*****END OF REPORT*****

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26725/2025-26 & 25.11.2025** |
| **Sample Number** | **N-26725/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with DG SET - 1 - 750 KVA** |
| **Sample Drawn on** | 19.11.2025 |
| **Sample Received on** | 20.11.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:287 DTI 2020 |
| **Analysis Started on** | 20.11.2025 |
| **Analysis Completed on** | 25.11.2025 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 9.5 |
| STACK TEMPERATURE (K) | 494.0 |
| STACK VELOCITY (m/s) | 17.1 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 1813.7 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.25 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 359 | - |
| | | | g/kw-hr | 1.085 | ≤ 4.0 |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 13 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 15.6 | - |
| | | | g/kw-hr | 0.047 | ≤ 0.2 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | g/kw-hr | 0.360 | ≤ 3.5 |
| | | | $mg/Nm^3$ | 119 | - |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26725/2025-26 & 25.11.2025** |

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | NON METHANE HYDROCARBON(NMHC) | CTL/SOP/STACK/15 | g/kw-hr | 0.027 | ≤ 4.0 |

LIMITS -As Per Moef EMISSION LIMITS FOR NEW DIESEL ENGINES (UPTO 800 KW) FOR GENERATOR SETS.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available.

*****END OF REPORT*****

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26726/2025-26 & 25.11.2025** |
| **Sample Number** | **N-26726/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with BOILER- 5 TON** |
| **Sample Drawn on** | 19.11.2025 |
| **Sample Received on** | 20.11.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 20.11.2025 |
| **Analysis Completed on** | 25.11.2025 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 32 |
| STACK TEMPERATURE (K) | 392.0 |
| STACK VELOCITY (m/s) | 8.3 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 4417.9 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.5 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 139 | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 34 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 16.8 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | 62 | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-26726/2025-26 & 25.11.2025 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-26727/2025-26 & 25.11.2025** |
| **Sample Number** | **N-26727/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with SCRUBBER** |
| **Sample Drawn on** | 19.11.2025 |
| **Sample Received on** | 20.11.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 20.11.2025 |
| **Analysis Completed on** | 25.11.2025 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 10 |
| STACK TEMPERATURE (K) | 305.0 |
| STACK VELOCITY (m/s) | 8.8 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 24261.8 |
| DIAMETER OF STACK AT PORTHOLE (m) | 1.0 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | BLQ(LOQ:3.0) | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 6.8 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-26727/2025-26 & 25.11.2025 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |
| 6 | CHLORINE ($Cl_2$) | EPA Method 26A | $mg/Nm^3$ | BLQ(LOQ:0.1) | 15 |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30257/2025-26 & 23.12.2025** |
| **Sample Number** | **N-30257/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR CANTEEN** |
| **Sample Drawn on** | 17.12.2025 & 09.40 to 18.12.2025 & 09.40 |
| **Sample Received on** | 18.12.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.AA01-D-2021 |
| **Analysis Started on** | 18.12.2025 |
| **Analysis Completed on** | 23.12.2025 |
| **Environmental Condition** | |
| Relative Humidity | 62% |
| Ambient Temperature | 33°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 18.5 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 47.1 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 7.6 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 15.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 20.1 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 11.1 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30258/2025-26 & 23.12.2025** |
| **Sample Number** | **N-30258/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR DG AREA** |
| **Sample Drawn on** | 17.12.2025 & 09.45 to 18.12.2025 & 09.45 |
| **Sample Received on** | 18.12.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2245-DTK-2017 |
| **Analysis Started on** | 18.12.2025 |
| **Analysis Completed on** | 23.12.2025 |
| **Environmental Condition** | |
| Relative Humidity | 62% |
| Ambient Temperature | 33°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 25.0 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 59.3 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 11.7 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 24.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 26.5 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 19.5 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

For Chennai Testing Laboratory Pvt Ltd

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30259/2025-26 & 23.12.2025** |
| **Sample Number** | **N-30259/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR ETP AREA** |
| **Sample Drawn on** | 17.12.2025 & 09.50 to 18.12.2025 & 09.50 |
| **Sample Received on** | 18.12.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.3239-DTG-2019 |
| **Analysis Started on** | 18.12.2025 |
| **Analysis Completed on** | 23.12.2025 |
| **Environmental Condition** | |
| Relative Humidity | 62% |
| Ambient Temperature | 33°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 22.4 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 52.1 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 9.9 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 18.7 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 22.6 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 23.5 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

ilac-MRA

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30260/2025-26 & 23.12.2025** |
| **Sample Number** | **N-30260/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR SCRUBBER AREA** |
| **Sample Drawn on** | 17.12.2025 & 09.55 to 18.12.2025 & 09.55 |
| **Sample Received on** | 18.12.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.174-C-22 |
| **Analysis Started on** | 18.12.2025 |
| **Analysis Completed on** | 23.12.2025 |
| **Environmental Condition** | |
| Relative Humidity | 62% |
| Ambient Temperature | 33°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 20.2 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 49.7 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 8.7 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 16.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 17.1 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 15.6 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

*****END OF REPORT*****

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30261/2025-26 & 23.12.2025** |
| **Sample Number** | **N-30261/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with DG SET - 750 KVA - 2** |
| **Sample Drawn on** | 17.12.2025 |
| **Sample Received on** | 18.12.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 18.12.2025 |
| **Analysis Completed on** | 23.12.2025 |
| **PHYSICAL PARAMETERS:** | |
| STACK HEIGHT (m) | 9.5 |
| STACK TEMPERATURE (K) | 474.0 |
| STACK VELOCITY (m/s) | 16.3 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 1796.3 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.25 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 365 | - |
| | | | g/kw-hr | 1.093 | ≤ 4.0 |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 13 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 16.2 | - |
| | | | g/kw-hr | 0.049 | ≤ 0.2 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | g/kw-hr | 0.359 | ≤ 3.5 |
| | | | $mg/Nm^3$ | 120 | - |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30261/2025-26 & 23.12.2025** |

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | NON METHANE HYDROCARBON(NMHC) | CTL/SOP/STACK/15 | g/kw-hr | 0.012 | ≤ 4.0 |

LIMITS -As Per Moef EMISSION LIMITS FOR NEW DIESEL ENGINES (UPTO 800 KW) FOR GENERATOR SETS.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available.

*****END OF REPORT*****

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30262/2025-26 & 23.12.2025** |
| **Sample Number** | **N-30262/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with BOILER- 5 TON** |
| **Sample Drawn on** | 17.12.2025 |
| **Sample Received on** | 18.12.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 18.12.2025 |
| **Analysis Completed on** | 23.12.2025 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 32 |
| STACK TEMPERATURE (K) | 389.0 |
| STACK VELOCITY (m/s) | 8.7 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 4674.8 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.5 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 156 | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 37 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 21.0 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | 70 | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

**TEST REPORT**

| **Test Report No & Date** | **CTL/CH/N-30262/2025-26 & 23.12.2025** |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

*****END OF REPORT*****

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-30263/2025-26 & 23.12.2025** |
| **Sample Number** | **N-30263/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with SCRUBBER** |
| **Sample Drawn on** | 17.12.2025 |
| **Sample Received on** | 18.12.2025 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 18.12.2025 |
| **Analysis Completed on** | 23.12.2025 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 10 |
| STACK TEMPERATURE (K) | 307.0 |
| STACK VELOCITY (m/s) | 9.0 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 24545.5 |
| DIAMETER OF STACK AT PORTHOLE (m) | 1.0 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | BLQ(LOQ:3.0) | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 7.1 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-30263/2025-26 & 23.12.2025 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |
| 6 | CHLORINE ($Cl_2$) | EPA Method 26A | $mg/Nm^3$ | BLQ(LOQ:0.1) | 15 |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

For Chennai Testing Laboratory Pvt Ltd

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34452/2025-26 & 28.01.2026** |
| **Sample Number** | **N-34452/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR CANTEEN** |
| **Sample Drawn on** | 21.01.2026 & 10.05 to 22.01.2026 & 10.05 |
| **Sample Received on** | 22.01.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.230945 |
| **Analysis Started on** | 22.01.2026 |
| **Analysis Completed on** | 28.01.2026 |
| **Environmental Condition** | |
| Relative Humidity | 66% |
| Ambient Temperature | 30°C |
| Wind Direction | ENE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 27.6 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 60.8 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 9.3 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 20.1 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 24.8 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 15.8 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

ilac-MRA

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34453/2025-26 & 28.01.2026** |
| **Sample Number** | **N-34453/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR DG AREA** |
| **Sample Drawn on** | 21.01.2026 & 09.55 to 22.01.2026 & 09.55 |
| **Sample Received on** | 22.01.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.3239-DTG-2019 |
| **Analysis Started on** | 22.01.2026 |
| **Analysis Completed on** | 28.01.2026 |
| **Environmental Condition** | |
| Relative Humidity | 66% |
| Ambient Temperature | 30°C |
| Wind Direction | ENE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 31.8 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 64.9 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 10.6 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 23.2 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 21.5 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 17.4 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34454/2025-26 & 28.01.2026** |
| **Sample Number** | **N-34454/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR ETP AREA** |
| **Sample Drawn on** | 21.01.2026 & 10.15 to 22.01.2026 & 10.15 |
| **Sample Received on** | 22.01.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2228-DTK-2017 |
| **Analysis Started on** | 22.01.2026 |
| **Analysis Completed on** | 28.01.2026 |
| **Environmental Condition** | |
| Relative Humidity | 66% |
| Ambient Temperature | 30°C |
| Wind Direction | ENE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 26.5 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 58.6 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 7.4 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 16.3 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 19.7 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 20.4 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34455/2025-26 & 28.01.2026** |
| **Sample Number** | **N-34455/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR SCRUBBER AREA** |
| **Sample Drawn on** | 21.01.2026 & 10.25 to 22.01.2026 & 10.25 |
| **Sample Received on** | 22.01.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2937-DTL-2020 |
| **Analysis Started on** | 22.01.2026 |
| **Analysis Completed on** | 28.01.2026 |
| **Environmental Condition** | |
| Relative Humidity | 66% |
| Ambient Temperature | 30°C |
| Wind Direction | ENE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 24.1 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 56.5 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 8.2 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 15.4 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 19.7 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 18.2 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34456/2025-26 & 28.01.2026** |
| **Sample Number** | **N-34456/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with DG SET - 1 - 750 KVA** |
| **Sample Drawn on** | 22.01.2026 |
| **Sample Received on** | 22.01.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 22.01.2026 |
| **Analysis Completed on** | 28.01.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 9.5 |
| STACK TEMPERATURE (K) | 487.0 |
| STACK VELOCITY (m/s) | 16.7 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 1796.6 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.25 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 338 | - |
| | | | g/kw-hr | 1.012 | ≤ 4.0 |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 11 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 17.4 | - |
| | | | g/kw-hr | 0.052 | ≤ 0.2 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | g/kw-hr | 0.377 | ≤ 3.5 |
| | | | $mg/Nm^3$ | 126 | - |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34456/2025-26 & 28.01.2026** |

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | NON METHANE HYDROCARBON(NMHC) | CTL/SOP/STACK/15 | g/kw-hr | 0.030 | ≤ 4.0 |

LIMITS -As Per Moef EMISSION LIMITS FOR NEW DIESEL ENGINES (UPTO 800 KW) FOR GENERATOR SETS.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available.

*****END OF REPORT*****

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34457/2025-26 & 28.01.2026** |
| **Sample Number** | **N-34457/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with BOILER- 5 TON** |
| **Sample Drawn on** | 22.01.2026 |
| **Sample Received on** | 22.01.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 22.01.2026 |
| **Analysis Completed on** | 28.01.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 32 |
| STACK TEMPERATURE (K) | 396.0 |
| STACK VELOCITY (m/s) | 9.3 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 4903.5 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.5 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 142 | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 33 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 18.6 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | 64 | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

**TEST REPORT**

| **Test Report No & Date** | **CTL/CH/N-34457/2025-26 & 28.01.2026** |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

*****END OF REPORT*****

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-34458/2025-26 & 28.01.2026** |
| **Sample Number** | **N-34458/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with SCRUBBER** |
| **Sample Drawn on** | 22.01.2026 |
| **Sample Received on** | 22.01.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 22.01.2026 |
| **Analysis Completed on** | 28.01.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 10 |
| STACK TEMPERATURE (K) | 306.0 |
| STACK VELOCITY (m/s) | 8.7 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 23851.8 |
| DIAMETER OF STACK AT PORTHOLE (m) | 1.0 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | BLQ(LOQ:3.0) | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 6.4 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-34458/2025-26 & 28.01.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |
| 6 | CHLORINE ($Cl_2$) | EPA Method 26A | $mg/Nm^3$ | BLQ(LOQ:0.1) | 15 |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-36924/2025-26 & 16.02.2026** |
| **Sample Number** | **N-36924/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR CANTEEN** |
| **Sample Drawn on** | 11.02.2026 & 10.05 to 12.02.2026 & 10.05 |
| **Sample Received on** | 12.02.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.230945 |
| **Analysis Started on** | 12.02.2026 |
| **Analysis Completed on** | 16.02.2026 |
| **Environmental Condition** | |
| Relative Humidity | 64% |
| Ambient Temperature | 32°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 18.2 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 49.3 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 8.1 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 16.5 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 23 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 14 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-36925/2025-26 & 16.02.2026** |
| **Sample Number** | **N-36925/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR DG AREA** |
| **Sample Drawn on** | 11.02.2026 & 10.45 to 12.02.2026 & 10.45 |
| **Sample Received on** | 12.02.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.3239-DTG-2019 |
| **Analysis Started on** | 12.02.2026 |
| **Analysis Completed on** | 16.02.2026 |
| **Environmental Condition** | |
| Relative Humidity | 64% |
| Ambient Temperature | 32°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 26.0 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 59.1 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 9.8 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 21.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 24.6 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 20.7 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-36926/2025-26 & 16.02.2026** |
| **Sample Number** | **N-36926/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR ETP AREA** |
| **Sample Drawn on** | 11.02.2026 & 10.55 to 12.02.2026 & 10.55 |
| **Sample Received on** | 12.02.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2228-DTK-2017 |
| **Analysis Started on** | 12.02.2026 |
| **Analysis Completed on** | 16.02.2026 |
| **Environmental Condition** | |
| Relative Humidity | 64% |
| Ambient Temperature | 32°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 22.1 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 52.5 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 8.3 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 19.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 20.5 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 17.6 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

For Chennai Testing Laboratory Pvt Ltd

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-36927/2025-26 & 16.02.2026** |
| **Sample Number** | **N-36927/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR SCRUBBER AREA** |
| **Sample Drawn on** | 11.02.2026 & 11.05 to 12.02.2026 & 11.05 |
| **Sample Received on** | 12.02.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2937-DTL-2020 |
| **Analysis Started on** | 12.02.2026 |
| **Analysis Completed on** | 16.02.2026 |
| **Environmental Condition** | |
| Relative Humidity | 64% |
| Ambient Temperature | 32°C |
| Wind Direction | NE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 19.4 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 48.7 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 7.8 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 14.1 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 16.8 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 12.5 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-36928/2025-26 & 16.02.2026** |
| **Sample Number** | **N-36928/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with DG SET - 1 - 750 KVA** |
| **Sample Drawn on** | 12.02.2026 |
| **Sample Received on** | 12.02.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 12.02.2026 |
| **Analysis Completed on** | 16.02.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 9.5 |
| STACK TEMPERATURE (K) | 474.0 |
| STACK VELOCITY (m/s) | 15.1 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 1667.0 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.25 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 342 | - |
| | | | g/kw-hr | 0.950 | ≤ 4.0 |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 15 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 14.2 | - |
| | | | g/kw-hr | 0.039 | ≤ 0.2 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | g/kw-hr | 0.333 | ≤ 3.5 |
| | | | $mg/Nm^3$ | 120 | - |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

# TEST REPORT

| Test Report No & Date | CTL/CH/N-36928/2025-26 & 16.02.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | NON METHANE HYDROCARBON(NMHC) | CTL/SOP/STACK/15 | g/kw-hr | 0.019 | ≤ 4.0 |

LIMITS -As Per Moef EMISSION LIMITS FOR NEW DIESEL ENGINES (UPTO 800 KW) FOR GENERATOR SETS.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available.

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-36929/2025-26 & 16.02.2026** |
| **Sample Number** | **N-36929/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with BOILER- 5 TON** |
| **Sample Drawn on** | 11.02.2026 |
| **Sample Received on** | 12.02.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 12.02.2026 |
| **Analysis Completed on** | 16.02.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 32 |
| STACK TEMPERATURE (K) | 405.0 |
| STACK VELOCITY (m/s) | 7.5 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 3887.9 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.5 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 97 | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 21 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 23.0 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | 46 | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-36929/2025-26 & 16.02.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-36930/2025-26 & 16.02.2026** |
| **Sample Number** | **N-36930/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with SCRUBBER** |
| **Sample Drawn on** | 12.02.2026 |
| **Sample Received on** | 12.02.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 12.02.2026 |
| **Analysis Completed on** | 16.02.2026 |
| **PHYSICAL PARAMETERS:** | |
| STACK HEIGHT (m) | 10 |
| STACK TEMPERATURE (K) | 305.0 |
| STACK VELOCITY (m/s) | 8.2 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 22548.0 |
| DIAMETER OF STACK AT PORTHOLE (m) | 1.0 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | BLQ(LOQ:3.0) | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 5.2 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-36930/2025-26 & 16.02.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |
| 6 | CHLORINE ($Cl_2$) | EPA Method 26A | $mg/Nm^3$ | BLQ(LOQ:0.1) | 15 |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41796/2025-26 & 26.03.2026** |
| **Sample Number** | **N-41796/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR CANTEEN** |
| **Sample Drawn on** | 19.03.2026 & 11.10 to 20.03.2026 & 11.10 |
| **Sample Received on** | 20.03.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.230945 |
| **Analysis Started on** | 20.03.2026 |
| **Analysis Completed on** | 26.03.2026 |
| **Environmental Condition** | |
| Relative Humidity | 60% |
| Ambient Temperature | 33°C |
| Wind Direction | SSE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 22.5 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 53.2 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 7.6 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 18.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 23 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 18.6 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41797/2025-26 & 26.03.2026** |
| **Sample Number** | **N-41797/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR DG AREA** |
| **Sample Drawn on** | 19.03.2026 & 11.20 to 20.03.2026 & 11.20 |
| **Sample Received on** | 20.03.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.3239-DTG-2019 |
| **Analysis Started on** | 20.03.2026 |
| **Analysis Completed on** | 26.03.2026 |
| **Environmental Condition** | |
| Relative Humidity | 60% |
| Ambient Temperature | 33°C |
| Wind Direction | SSE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 29.0 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 60.7 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 11.5 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 24.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 26.8 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 22.9 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

ilac-MRA

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41798/2025-26 & 26.03.2026** |
| **Sample Number** | **N-41798/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR ETP AREA** |
| **Sample Drawn on** | 19.03.2026 & 11.35 to 20.03.2026 & 11.35 |
| **Sample Received on** | 20.03.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2228-DTK-2017 |
| **Analysis Started on** | 20.03.2026 |
| **Analysis Completed on** | 26.03.2026 |
| **Environmental Condition** | |
| Relative Humidity | 60% |
| Ambient Temperature | 33°C |
| Wind Direction | SSE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 23.0 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 54.5 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 9.8 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 20.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 23.6 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 21.7 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41799/2025-26 & 26.03.2026** |
| **Sample Number** | **N-41799/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR SCRUBBER AREA** |
| **Sample Drawn on** | 19.03.2026 & 11.50 to 20.03.2026 & 11.50 |
| **Sample Received on** | 20.03.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2937-DTL-2020 |
| **Analysis Started on** | 20.03.2026 |
| **Analysis Completed on** | 26.03.2026 |
| **Environmental Condition** | |
| Relative Humidity | 60% |
| Ambient Temperature | 33°C |
| Wind Direction | SSE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 17.0 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 49.1 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 6.4 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 13.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 14.5 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 10.0 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41800/2025-26 & 26.03.2026** |
| **Sample Number** | **N-41800/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with DG SET - 1 - 750 KVA** |
| **Sample Drawn on** | 20.03.2026 |
| **Sample Received on** | 20.03.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 20.03.2026 |
| **Analysis Completed on** | 26.03.2026 |
| **PHYSICAL PARAMETERS:** | |
| STACK HEIGHT (m) | 9.5 |
| STACK TEMPERATURE (K) | 504.0 |
| STACK VELOCITY (m/s) | 15.8 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 1635.9 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.25 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 441 | - |
| | | | g/kw-hr | 1.202 | ≤ 4.0 |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 18 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 16.0 | - |
| | | | g/kw-hr | 0.044 | ≤ 0.2 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | g/kw-hr | 0.346 | ≤ 3.5 |
| | | | $mg/Nm^3$ | 127 | - |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
TESTING LABORATORY PRIVATE LIMITED
Testing redefined

CIN : U93000TN2000PTC043869

## TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41800/2025-26 & 26.03.2026** |

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | NON METHANE HYDROCARBON(NMHC) | CTL/SOP/STACK/15 | g/kw-hr | 0.019 | ≤ 4.0 |

LIMITS -As Per Moef EMISSION LIMITS FOR NEW DIESEL ENGINES (UPTO 800 KW) FOR GENERATOR SETS.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available.

*****END OF REPORT*****

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41801/2025-26 & 26.03.2026** |
| **Sample Number** | **N-41801/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with BOILER- 5 TON** |
| **Sample Drawn on** | 20.03.2026 |
| **Sample Received on** | 20.03.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 20.03.2026 |
| **Analysis Completed on** | 26.03.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 32 |
| STACK TEMPERATURE (K) | 390.0 |
| STACK VELOCITY (m/s) | 8.2 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 4379.9 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.5 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 112 | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 25 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 19.3 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | 52 | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-41801/2025-26 & 26.03.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-41802/2025-26 & 26.03.2026** |
| **Sample Number** | **N-41802/25-26** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with SCRUBBER** |
| **Sample Drawn on** | 20.03.2026 |
| **Sample Received on** | 20.03.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 20.03.2026 |
| **Analysis Completed on** | 26.03.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 10 |
| STACK TEMPERATURE (K) | 306.0 |
| STACK VELOCITY (m/s) | 8.9 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 24221.5 |
| DIAMETER OF STACK AT PORTHOLE (m) | 1.0 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | BLQ(LOQ:3.0) | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 6.7 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-41802/2025-26 & 26.03.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |
| 6 | CHLORINE ($Cl_2$) | EPA Method 26A | $mg/Nm^3$ | BLQ(LOQ:0.1) | 15 |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

For Chennai Testing Laboratory Pvt Ltd

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-01970/2026-27 & 28.04.2026** |
| **Sample Number** | **N-01970/26-27** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR CANTEEN** |
| **Sample Drawn on** | 17.04.2026 & 10.25 to 18.04.2026 & 10.25 |
| **Sample Received on** | 18.04.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.230945 |
| **Analysis Started on** | 18.04.2026 |
| **Analysis Completed on** | 28.04.2026 |
| **Environmental Condition** | |
| Relative Humidity | 56% |
| Ambient Temperature | 34°C |
| Wind Direction | SE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 28.4 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 61.7 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 9.6 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 22.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 27 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 21.6 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

*****END OF REPORT*****

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-01971/2026-27 & 28.04.2026** |
| **Sample Number** | **N-01971/26-27** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR DG AREA** |
| **Sample Drawn on** | 17.04.2026 & 10.30 to 18.04.2026 & 10.30 |
| **Sample Received on** | 18.04.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.3239-DTG-2019 |
| **Analysis Started on** | 18.04.2026 |
| **Analysis Completed on** | 28.04.2026 |
| **Environmental Condition** | |
| Relative Humidity | 56% |
| Ambient Temperature | 34°C |
| Wind Direction | SE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 30.5 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 63.8 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 13.2 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 27.0 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 34.5 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 27.5 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-01972/2026-27 & 28.04.2026** |
| **Sample Number** | **N-01972/26-27** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR ETP AREA** |
| **Sample Drawn on** | 17.04.2026 & 10.35 to 18.04.2026 & 10.35 |
| **Sample Received on** | 18.04.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2228-DTK-2017 |
| **Analysis Started on** | 18.04.2026 |
| **Analysis Completed on** | 28.04.2026 |
| **Environmental Condition** | |
| Relative Humidity | 56% |
| Ambient Temperature | 34°C |
| Wind Direction | SE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 26.7 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 58.4 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 11 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 23.5 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 25.0 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 24.0 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-01973/2026-27 & 28.04.2026** |
| **Sample Number** | **N-01973/26-27** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Ambient Air |
| **Sample Description** | **Ambient Air Quality** |
| **Sampling Location** | **NEAR SCRUBBER AREA** |
| **Sample Drawn on** | 17.04.2026 & 10.45 to 18.04.2026 & 10.45 |
| **Sample Received on** | 18.04.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 5182 (Part V) and (Part XIV) |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Respirable Dust Sampler :S.No.2937-DTL-2020 |
| **Analysis Started on** | 18.04.2026 |
| **Analysis Completed on** | 28.04.2026 |
| **Environmental Condition** | |
| Relative Humidity | 56% |
| Ambient Temperature | 34°C |
| Wind Direction | SE |
| Weather Condition | Clear Sky |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHODS | UNITS | RESULTS | NAAQS* |
|---|---|---|---|---|---|
| 1 | PARTICULATE MATTER ($PM_{2.5}$) | IS 5182 (Part 24) | $\mu g/m^3$ | 32.0 | 60 |
| 2 | PARTICULATE MATTER ($PM_{10}$) | IS 5182 (Part 23) | $\mu g/m^3$ | 66.7 | 100 |
| 3 | SULPHUR DIOXIDE ($SO_2$) | IS 5182 (Part 2) | $\mu g/m^3$ | 10.0 | 80 |
| 4 | OXIDES OF NITROGEN ($NO_2$) | IS 5182 (Part 6) | $\mu g/m^3$ | 22.5 | 80 |
| 5 | OZONE ($O_3$) | CTL/SOP/AIR/08 | $\mu g/m^3$ | 24.8 | 180 |
| 6 | LEAD (Pb) | IS 5182 (Part 22) | $\mu g/m^3$ | BLQ(LOQ:0.05) | 1 |
| 7 | CARBON MONOXIDE (CO) | CTL/SOP/AIR/23 | $mg/m^3$ | BLQ(LOQ:1.15) | 4 |
| 8 | AMMONIA ($NH_3$) | IS 5182 (Part 25) | $\mu g/m^3$ | 16.8 | 400 |
| 9 | ARSENIC (As) | CTL/SOP/AIR/06 | $ng/m^3$ | BLQ(LOQ:1.0) | 6 |
| 10 | NICKEL (Ni) | IS 5182 (Part 26) | $ng/m^3$ | BLQ(LOQ:2.0) | 20 |
| 11 | BENZENE (C6H6) | IS 5182 (Part 11) | $\mu g/m^3$ | BLQ(LOQ:1.0) | 5 |
| 12 | BENZO(a)PYRENE | IS 5182 (Part 12) | $ng/m^3$ | BLQ(LOQ:0.5) | 1 |

*National Ambient Air Quality Standards

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification:

***END OF REPORT***

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-01974/2026-27 & 28.04.2026** |
| **Sample Number** | **N-01974/26-27** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with DG SET - 750 KVA - 2** |
| **Sample Drawn on** | 18.04.2026 |
| **Sample Received on** | 18.04.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 18.04.2026 |
| **Analysis Completed on** | 28.04.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 9.5 |
| STACK TEMPERATURE (K) | 529.0 |
| STACK VELOCITY (m/s) | 16.8 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 1664.6 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.25 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 464 | - |
| | | | g/kw-hr | 1.287 | ≤ 4.0 |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 17 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 13.6 | - |
| | | | g/kw-hr | 0.038 | ≤ 0.2 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | g/kw-hr | 0.319 | ≤ 3.5 |
| | | | $mg/Nm^3$ | 115 | - |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-01974/2026-27 & 28.04.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | NON METHANE HYDROCARBON(NMHC) | CTL/SOP/STACK/15 | g/kw-hr | 0.014 | ≤ 4.0 |

LIMITS -As Per Moef EMISSION LIMITS FOR NEW DIESEL ENGINES (UPTO 800 KW) FOR GENERATOR SETS.

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available.

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-01975/2026-27 & 28.04.2026** |
| **Sample Number** | **N-01975/26-27** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with BOILER- 5 TON** |
| **Sample Drawn on** | 18.04.2026 |
| **Sample Received on** | 18.04.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 18.04.2026 |
| **Analysis Completed on** | 28.04.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 32 |
| STACK TEMPERATURE (K) | 405.0 |
| STACK VELOCITY (m/s) | 9.2 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 4761.4 |
| DIAMETER OF STACK AT PORTHOLE (m) | 0.5 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | 124 | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | 30 | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 17.0 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | 65 | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-01975/2026-27 & 28.04.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

**For Chennai Testing Laboratory Pvt Ltd**

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED

CIN : U93000TN2000PTC043869

TC-14314

# TEST REPORT

| | |
|---|---|
| **Test Report No & Date** | **CTL/CH/N-01976/2026-27 & 28.04.2026** |
| **Sample Number** | **N-01976/26-27** |
| **Name of the Customer** | **M/s.PharmaZell (India) Private Limited., (Axplora)** |
| **Address** | Plot No. B5 & B6, MEPZ - Special Economic Zone, Tambaram, Chennai - 600045. |
| **Sample Drawn by** | Laboratory |
| **Sample Name** | Stack Emission |
| **Sample Description** | **Stack** |
| **Sampling Location** | **Stack attached with SCRUBBER** |
| **Sample Drawn on** | 18.04.2026 |
| **Sample Received on** | 18.04.2026 |
| **Sampling Plan & Procedure** | CTL/QSP/F-89 & IS 11255 |
| **Sample Quantity** | 1 No |
| **Equipment used for Sampling** | Stack Kit S.No:288 DTI 2020 |
| **Analysis Started on** | 18.04.2026 |
| **Analysis Completed on** | 28.04.2026 |

**PHYSICAL PARAMETERS:**

| | |
|---|---|
| STACK HEIGHT (m) | 10 |
| STACK TEMPERATURE (K) | 304.0 |
| STACK VELOCITY (m/s) | 9.1 |
| STACK GAS FLOW RATE ($Nm^3/hr$) | 25026.0 |
| DIAMETER OF STACK AT PORTHOLE (m) | 1.0 |

**Test Results:**

The above sample tested as received, and results are as follows:

**DISCIPLINE : CHEMICAL**

**GROUP : ATMOSPHERIC POLLUTION**

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 1 | OXIDES OF NITROGEN NOx (as $NO_2$) | IS 11255 PART 7 | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |
| 2 | SULPHUR DIOXIDE ($SO_2$) | IS 11255 PART 2 | $mg/Nm^3$ | BLQ(LOQ:3.0) | NA |
| 3 | PARTICULATE MATTER(PM) | IS 11255 PART 1 | $mg/Nm^3$ | 5 | 150 |
| 4 | CARBON MONOXIDE (CO) | CTL/SOP/STACK/10 (Flue Gas Analyser) | $mg/Nm^3$ | BLQ(LOQ:5.0) | NA |

Verified by

**For Chennai Testing Laboratory Pvt Ltd**

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

CHENNAI
Testing redefined
TESTING LABORATORY PRIVATE LIMITED
CIN : U93000TN2000PTC043869

## TEST REPORT

| Test Report No & Date | CTL/CH/N-01976/2026-27 & 28.04.2026 |
|---|---|

| SL.NO | PARAMETERS | METHOD | UNITS | RESULTS | TNPCB LIMITS |
|---|---|---|---|---|---|
| 5 | HYDROCARBON(HC) | CTL/SOP/STACK/15 | ppm | BLQ(LOQ:1.0) | NA |
| 6 | CHLORINE ($Cl_2$) | EPA Method 26A | $mg/Nm^3$ | BLQ(LOQ:0.1) | 15 |

BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: NA - Not Available

***END OF REPORT***

For Chennai Testing Laboratory Pvt Ltd

Verified by

Authorised Signatory

G.MANIKANDAN
SENIOR MANAGER
(CHEMICAL)



*The Report shall not be used to malign, defame and for any malicious purpose.*
*The Report is meant only for sole use of the addressee*

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India
Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

# TAMIL NADU POLLUTION CONTROL BOARD

## DISTRICT ENVIRONMENTAL LABORATORY,
## MARAIMALAI NAGAR

## AMBIENT AIR QUALITY SURVEY – REPORT OF ANALYSIS

ROA No.83 /TNPCB/DEL/MMN/AirSurvey/F.No.60/ AAQS/2025-2026, dt: 19.02.2026.

1. Name of the Industry : M/s. Pharmazell (India) Private Limited.,
2. Address of the Industry : Plant – I,
   No: B5 & B6, MEPZ,
   Tambaram,
   Chennai – 600 045.
3. Date of Survey : 29.01.2026
4. Duration of Survey : 8 Hours.
5. Category : Red / Large
6. Land use classification : Industrial / Pharmaceuticals

### Meteorological Conditions

| Ambient Temperature (°C) | Min | Max | Relative Humidity (%) | Min | Max |
|---|---|---|---|---|---|
| | 25 | 30 | | 59 | 73 |
| Weather condition | Clear | | Rain Fall (mm) | - | |
| Predominant Wind Direction | ENE- WSW | | Mean Wind Speed (Km/hr.) | 17 Km/hr | |

### Ambient Air Quality Survey Results

| Sl. No. | Location | Direction * | Distance (m)* | Height from GL (m) | Pollutants Concentration (µg/m$^3$) | | |
|---|---|---|---|---|---|---|---|
| | | | | | $PM_{10}$ | $SO_2$ | $NO_2$ |
| 1 | On top of the Scaffolding near ETP | NE | 100 | 2.0 | 53 | 15 | 19 |
| 2 | On top of the Scaffolding near Wet Scrubber | SE | 100 | 2.0 | 60 | 18 | 22 |
| 3 | On top of the Scaffolding near Canteen | SW | 100 | 2.0 | 75 | 19 | 23 |
| 4 | On top of the Scaffolding near Main Security Gate | W | 75 | 2.0 | 80 | 20 | 25 |
| 5 | On top of the Scaffolding near Transformer Yard | NW | 100 | 2.0 | 90 | 22 | 26 |
| | | | | | $PM_{2.5}$ | | |
| 1 | On top of the Scaffolding near Canteen | SW | 100 | 2.0 | 35 | - | - |

Note:* With respect to major emission sources.

19/02/26

Chief Scientific Officer,
District Environmental Laboratory,
TNPC Board, MM Nagar

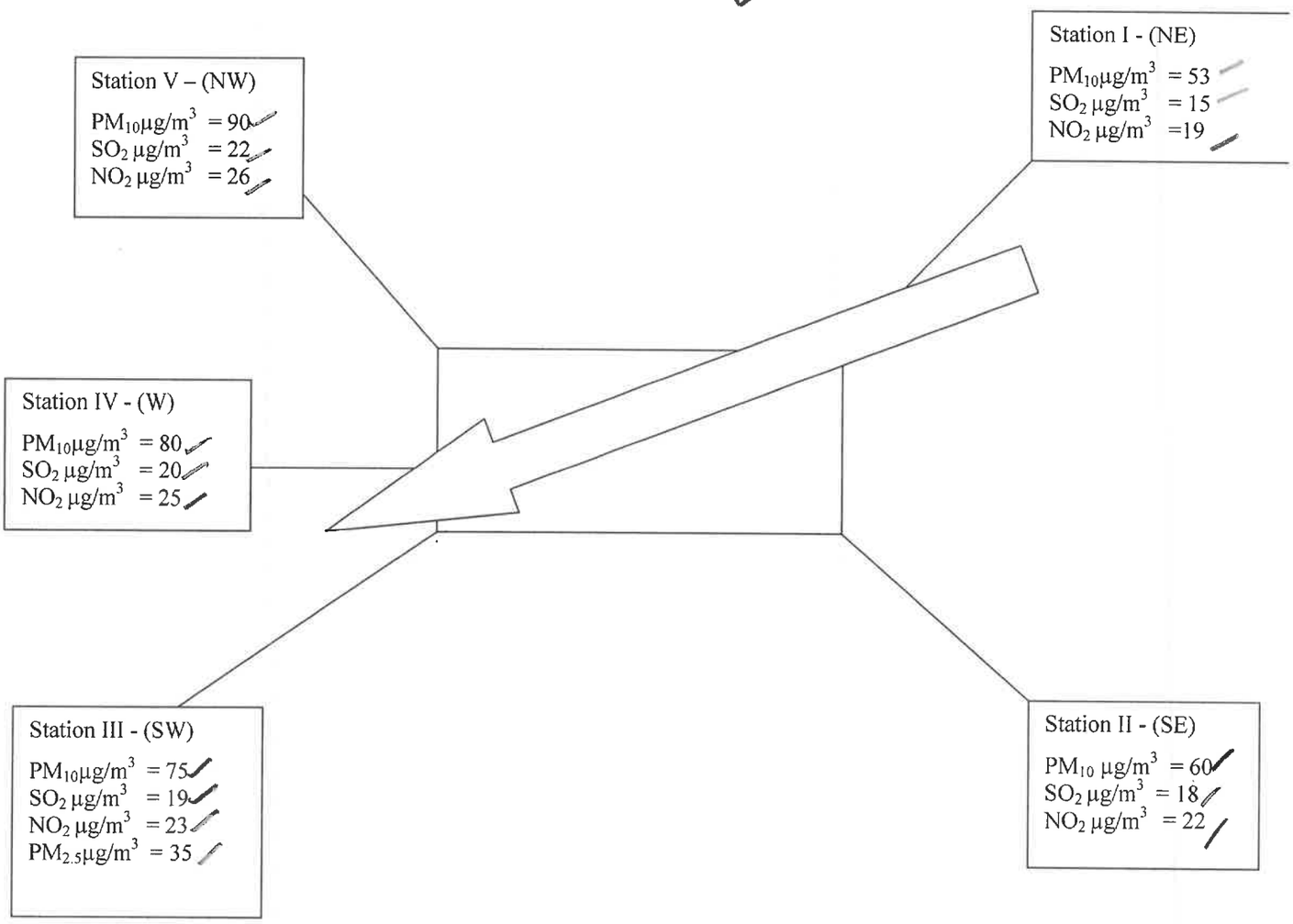
# TAMIL NADU POLLUTION CONTROL BOARD
## DISTRICT ENVIRONMENTAL LABORATORY, MARAIMALAI NAGAR

AMBIENT AIR QUALITY SURVEY
Schematic Diagram Showing Location of Sampling

ROA No.83/TNPCB/DEL/MMN/Air Survey/F.No.60/AAQS/SM/2025-26, dt: 19.02.2026.

Name and Address of the Industry : M/s. Pharmazell (India) Private Limited.,
Plant – I,
No: B5 & B6, MEPZ,
Tambaram,
Chennai – 600 045.

Date of Survey : 29.01.2026




Chief Scientific Officer,
District Environmental Laboratory,
TNPC Board, MM Nagar

# TAMIL NADU POLLUTION CONTROL BOARD
## DISTRICT ENVIRONMENTAL LABORATORY
## MARAIMALAI NAGAR

INFERENCE REPORT NO.83/TNPCB/DEL-MMN/AAQS/SM/2025-26, dt: 19.02.2026.

1. Name of Industry : M/s. Pharmazell (India) Private Limited.,
2. Pollution Category : Red/large
3. Date of AAQ Survey : 29.01.2026
4. Predominant Wind Direction : ENE- WSW
5. Weather condition : Clear Sky

## STATUS OF POLLUTANTS LEVEL

### I. AMBIENT AIR QUALITY:-

1. Total No. of AAQ stations monitored : 5
2. No. of AAQ stations in which Pollutants Level exceeded the Boards standards : NIL

Maximum and Minimum values of Pollutants Level observed

| Sl. No. | Pollutant | Values in microgram/$m^3$ | | Board's Standard (As per consent order) |
|---|---|---|---|---|
| | | Maximum | Minimum | microgram/$m^3$ |
| 1. | Respirable Suspended Particulate Matter: $PM_{10}$ | 90 | 53 | 100 |
| 2. | GASEOUS POLLUTANTS:- | | | |
| | (i) $SO_2$ | 22 | 15 | 80 |
| | (ii) $NO_2$ | 26 | 19 | 80 |

### II. STACK MONITORING:-

1. Total No. of Stacks Monitored : 5
2. No.of Stacks in which Pollutants level Exceeded the Board's standard : NIL

19.02.26

Chief Scientific Officer,
District Environmental Laboratory,
TNPC Board, MM Nagar

# TAMIL NADU POLLUTION CONTROL BOARD
## DISTRICT ENVIRONMENTAL LABORATORY
## MARAIMALAI NAGAR

### STACK MONITORING SURVEY – Report of Analysis

ROA No.83/TNPCB/DEL/MMN/Air Survey/ F. No.60/SM/2025-2026, dt: 19.02.2026

1. Name of the Industry : M/s. Pharmazell (India) Private Limited.,
2. Address of the Industry : Plant – I,
   No: B5 & B6, MEPZ,
   Tambaram,
   Chennai – 600 045.
3. Date of Survey : 29.01.2026

### Stack Monitoring Survey Results

| Sl. No. | Stack attached to | Stack Temp °K | Velocity in (m/Sec) | Discharge rate in ($Nm^3$/Hr) | Pollutants (mg/$Nm^3$) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | PM | $SO_2$ | $NO_2$ | $Cl^-$ |
| 1. | DG 750 KVA - I | 419 | 20.74 | 2605 | 45 | 31 | 134 | - |
| 2. | DG 750 KVA - II | 444 | 22.99 | 2725 | 56 | 29 | 137 | - |
| 3. | Boiler 5 Ton/hr | 412 | 22.80 | 11649 | 48 | 45 | 162 | - |
| 4. | Boiler 3 Ton/hr | 398 | 21.94 | 11606 | 49 | 37 | 138 | - |
| 5. | Alkali – Wet Scrubber | 320 | 13.86 | 36485 | 25 | <0.05 | 60 | <MDL |

18/02/26

Chief Scientific Officer,
District Environmental Laboratory,
TNPC Board, MM Nagar

# TAMIL NADU POLLUTION CONTROL BOARD
## DISTRICT ENVIRONMENTAL LABORATORY
## MARAIMALAI NAGAR

### AMBIENT/SOURCE NOISE LEVEL SURVEY – Report of Analysis

ROA No.83/TNPCB/DEL/MMN/Air Survey/F.No.60/NLS/2025-26, dt: 19.02.2026.

| | | | | |
|---|---|---|---|---|
| 1 | Name of the Industry | | M/s. Pharmazell (India) Private Limited., | |
| 2 | Address of the Industry | | Plant – I,<br>No: B5 & B6, MEPZ,<br>Tambaram,<br>Chennai – 600 045. | |
| 3 | Date of Survey | | 29.01.2026 | |
| Category | | Red/Large | Land use Classification | Industrial/Pharmaceuticals |
| Type of Survey | | Source | Time of Survey | Day |
| Meteorological conditions | | | Calm | |

Logging Parameters

| | | | | | |
|---|---|---|---|---|---|
| Instrument Used | | CASELLA CEL663A1/K1 | | Serial No. | 2206925 |
| Logging Interval | | 10 Minutes each point | | Measuring Range | 20 to 140dB |
| Weighting | "A" | Peak Weighting | "C" | Time Weighting | 10mts |
| Sound Incidence | | Random/Frontal | | Time in hrs. | 13.00 to 15.00 Hrs |

Report of Noise Level Monitoring

| Sl. No. | Location | Duration (min) | Distance (m) | Direction | Sound Level-dB(A) | | |
|---|---|---|---|---|---|---|---|
| | | | | | $L_{eq}$ | Min | Max |
| 1 | Near ETP | 10 | 100 | NE | 66.4 | 60.5 | 72.3 |
| 2 | Near Wet Scrubber | 10 | 100 | SE | 67.2 | 62.3 | 75.6 |
| 3 | Near Canteen | 10 | 100 | SW | 60.2 | 57.0 | 64.3 |
| 4 | Near Main Security Gate | 10 | 75 | W | 67.4 | 63.2 | 70.5 |
| 5 | Near Transformer | 10 | 100 | NW | 70.3 | 65.8 | 76.2 |

19/02/26

Chief Scientific Officer,
District Environmental Laboratory,
TNPC Board, MM Nagar