



CIN: U73100MP2002PTC015352

GSTIN: 23AAECA9188L1Z8

Approved: by Occupational Health & Safety Management (ISO45001:2018)

Approved: by National Accreditation Board for Testing and Calibration Laboratories

Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)

Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II

Gwalior-474 011, M.P., India

☎ 0751-3566867, 2232177

Email: aelgwalior@gmail.com, aetrl2016@gmail.com, aetrlcenter@gmail.com

Web: www.aetrl.com



IC-12750

TEST REPORT

| | |
|--|--|
| Company Name: M/s Zydus Wellness Products Ltd. | Date of Issue: 10/12/2024 |
| Address: P.B. No-1 Anoop Shahr Road Cherat Aligarh (U.P.) | Monitoring Date : 04/12/2024 |
| Nature of Sample: Flue gas emission of Boiler | Sample Collected by: Sampling Staff |
| Location Point : Boiler Stack | Lab. ref. No: AETRL/051224ST0001 |
| Stack Height: 43.0 Mtr. | Diameter of Stack: 1.2Mtr. |
| Type of fuel used : Rise Husk | Pollution Control Devices : ESP |
| Height of Sampling Location: 18 Mtr. | Material of Construction : MS |
| Capacity of boiler: 12 TPH | |

PHYSICAL OBSERVATIONS

| | | |
|---|---|-------|
| Ambient temperature °C | : | 28.0 |
| Flue gas temperature °C | : | 118.0 |
| Velocity of flue gas m/s | : | 7.9 |
| Sampling flow rate (Nm ³ /Sec) | : | 2.6 |

TEST RESULT

| S. No. | Parameter | Pollutant Concentration (on the bases of 12 % CO ₂) | Limits |
|--------|--|---|---------------|
| 1 | Particular Matter mg/Nm ³ | 87 | 150 |
| 2 | Sulphur Dioxide (SO ₂) mg/Nm ³ | 14 | NOT SPECIFIED |
| 3 | Oxides of Nitrogen (NO ₂) mg/Nm ³ | 49 | NOT SPECIFIED |
| 4 | Carbon Monoxide (CO) | <0.3 | NOT SPECIFIED |
| 5 | Carbon Dioxide (CO ₂) | 9.0 | NOT SPECIFIED |

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TC-12780

TEST REPORT

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|--|--|
| Company Name: M/s Zydus Wellness Products Ltd. | Date of Issue: 10/12/2024 |
| Address: P.B. No-1 Anoop Shahr Road Cherat Aligarh (U.P.) | Monitoring Date : 04/12/2024 |
| Nature of Sample: Flue gas emission of Boiler | Sample Collected by: Sampling Staff |
| Location Point : Boiler Stack | Lab. ref. No: AETRL/051224ST0002 |
| Stack Height: 43.0 Mtr. | Diameter of Stack: 1.2Mtr. |
| Type of fuel used : Rise Husk | Pollution Control Devices : ESP |
| Height of Sampling Location: 18 Mtr. | Material of Construction : MS |
| Capacity of boiler: 15 TPH | |

PHYSICAL OBSERVATIONS

| | | |
|---|---|-------|
| Ambient temperature °C | : | 28.0 |
| Flue gas temperature °C | : | 116.0 |
| Velocity of flue gas m/s | : | 7.5 |
| Sampling flow rate (Nm ³ /Sec) | : | 2.1 |

TEST RESULT

| S. No. | Parameter | Pollutant Concentration (on the bases of 12 % CO ₂) | Limits |
|--------|--|---|---------------|
| 1 | Particular Matter mg/Nm ³ | 80 | 150 |
| 2 | Sulphur Dioxide (SO ₂) mg/Nm ³ | 12 | NOT SPECIFIED |
| 3 | Oxides of Nitrogen (NO ₂) mg/Nm ³ | 44 | NOT SPECIFIED |
| 4 | Carbon Monoxide (CO) | <0.3 | NOT SPECIFIED |
| 5 | Carbon Dioxide (CO ₂) | 8.0 | NOT SPECIFIED |

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TEST REPORT

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|--|--|
| Company Name: M/s Zydus Wellness Products Ltd | Date of Issue: 10/12/2024 |
| Address: P.B. No-1 Anoop Shahr Road Cherat Aligarh (U.P.) | Monitoring Date : 04/12/2024 |
| Nature of Sample: Stack Emission of D.G. Set | |
| Location Point: D.G. Set | Sample Collect by: Sampling Staff |
| Stack Height Above Roof Top: 4.0 MTR. | Lab. ref. No: AETRL/051224ST0003 |
| Type of fuel used : HSD | Stack Diameter at the top: 8 Inch |
| Capacity : 625 KVA | Material of Construction : MS |

PHYSICAL OBSERVATIONS

| | | |
|--------------------------------|---|-------|
| Ambient temperature °C | : | 28.0 |
| Flue gas temperature °C (Avg) | : | 157.0 |
| Velocity of flue gas m/s (Avg) | : | 14.6 |
| Sampling flow rate (LPM) | : | 18.4 |

TEST RESULT

| S. No. | Parameter | Protocol | Results | Standards |
|--------|---|--------------------------|---------|------------------|
| 1. | Particular Matter (PM) | -<0.2 | 0.28 | IS:11255 (Part1) |
| 2. | Sulphur Dioxide (SO ₂) | - | 41 | IS:11255 (Part2) |
| 3. | Oxide of Nitrogen (NO _x as NO ₂) | NO _x +HC-<4.0 | 0.22 | IS:11255 (Part7) |
| 4. | Total Hydrocarbon (as methane) | NO _x +HC-<4.0 | 0.07 | CPCB guidelines |
| 5. | Carbon Monoxide (CO) | -<3.5 | 0.13 | IS: 13270 |

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TEST REPORT

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|---|--|
| Company Name: M/s Zydus Wellness Products Ltd | Date of Issue: 10/12/2024 |
| Address: P.B. No-1 Anoop Shahar Road Cherat Aligarh (U.P.) | Monitoring Date : 04/12/2024 |
| Nature of Sample: Stack Emission of D.G. Set | |
| Location Point: D.G. Set | Sample Collect by: Sampling Staff |
| Stack Height Above Roof Top: 4.0 MTR. | Lab. ref. No: AETRL/051224ST0004 |
| Type of fuel used : HSD | Stack Diameter at the top: 8 Inch |
| Capacity : 1250 KVA | Material of Construction : MS |

PHYSICAL OBSERVATIONS

| | | |
|--------------------------------|---|-------|
| Ambient temperature °C | : | 37.0 |
| Flue gas temperature °C (Avg) | : | 162.0 |
| Velocity of flue gas m/s (Avg) | : | 15.8 |
| Sampling flow rate (LPM) | : | 16.2 |

TEST RESULT

| S. No. | Parameter | Protocol | Results | Standards |
|--------|---|------------------|---------|-----------|
| 1. | Particular Matter (PM) | IS:11255 (Part1) | 0.60 | 75 |
| 2. | Oxygen | IS: 13270 | 16.0 | - |
| 3. | Oxide of Nitrogen (NOX as NO ₂) | IS:11255 (Part7) | 472 | 710 |
| 4. | Carbon Monoxide (CO) | IS: 13270 | 36 | 150 |
| 5. | NMHC (at 15% oxygen) | By GC | 19 | 100 |


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TEST REPORT

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|--|--|
| Company Name: M/s Zydus Wellness Products Ltd | Date of Issue: 10/12/2024 |
| Address: P.B. No-1 Anoop Shahr Road Cherat Aligarh (U.P.) | Monitoring Date : 04/12/2024 |
| Nature of Sample: Stack Emission of D.G. Set | |
| Location Point: D.G. Set | Sample Collect by: Sampling Staff |
| Stack Height Above Roof Top: 4.0 MTR. | Lab. ref. No: AETRL/051224ST0005 |
| Type of fuel used : HSD | Stack Diameter at the top: 8 Inch |
| Capacity : 1010 KVA | Material of Construction : MS |

PHYSICAL OBSERVATIONS

| | | |
|--------------------------------|---|-------|
| Ambient temperature °C | : | 28.0 |
| Flue gas temperature °C (Avg) | : | 162.0 |
| Velocity of flue gas m/s (Avg) | : | 18.8 |
| Sampling flow rate (LPM) | : | 19.7 |

TEST RESULT

| S.No. | Parameter | Protocol | Results | Standards |
|-------|--|--------------------|---------|-----------|
| 1. | Particulate Matter, g/kw-hr | IS: 11255 (part1) | 0.08 | 0.2 max |
| 2. | Sulphur Dioxide (SO ₂) (3% O ₂) correction | IS: 11255 (part2) | 19 | - |
| 3. | Oxide of nitrogen (NO _x as NO ₂) (3% O ₂ correction) | IS: 11255 (part7) | 35 | - |
| 4. | Carbon Monoxide (Co) | | <-0.2 | - |
| 5. | Carbon Dioxide (CO ₂) | Orsat gas analyzer | 6.0 | - |


(Authorized Signatory)



TEST REPORT

| | | | | | | | |
|---|---------------------|---|--|---|---------------------|---|----------------|
| • | Name of Unit | : | M/s Zydus Wellness Products Ltd. | • | Date of Issue | : | 11.02.2025 |
| • | Address of Unit | : | P.B. No-1 Anoop Shahar Road Cherat Aligarh (U.P.) | • | Monitoring Date | : | 06.02.2025 |
| • | Nature of Sample | : | Noise Monitoring | • | Sample Collected by | : | Sampling staff |
| • | Monitoring Duration | : | 24 Hrs | • | | : | |

TEST RESULT

| S. No. | Location | Noise Level in dB(A) | |
|--------|-------------------|----------------------|-------|
| | | Day | Night |
| 1. | Near Canteen | 69 | 53 |
| 2. | Near DG Set | 63 | 59 |
| 3. | Near HTK Area | 68 | 53 |
| 4. | Near Main Gate | 55 | 54 |
| 5. | Near ETP Area | 66 | 57 |
| 6. | Near Old GD | 61 | 63 |
| 7. | Near Boiler | 70 | 66 |
| 8. | Near Dairy | 59 | 58 |
| 9. | Near FA Warehouse | 65 | 64 |
| 10. | Near Admin Block | 56 | 68 |

Noise Work area- Factory Act-1948

| | | |
|-----------|------------------|---------------------|
| Area Code | Category of area | Limit in dB (A) Leq |
| A | Industrial Area | 75 |

Ambient Noise Standards

| Type of Area | Limits in dB(A) Leq* | |
|------------------|----------------------|------------|
| | Day Time | Night Time |
| Industrial Area | 75 | 70 |
| Commercial Area | 65 | 55 |
| Residential Area | 55 | 45 |
| Silence Zone | 50 | 40 |

Advanced Environmental Testing And Research Lab P. Ltd.



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*dB (A) Leq denotes the time weighted average of the sound level in decibels on scale A which is relatable to human hearing.

Source: Pollution Control Acts Rule and Notifications issued there under, by Pollution Control Law Series:PCLS/02/2006(Fifth Edition) of Central Pollution Control Board, January 2006, pp 926.

Day and Night time shall mean from 6:00 a.m. to 10:00 p.m. and 10:00 p.m. to 6:00 a.m. respectively.

Prepared By

Authorized Signatory

****End of the Report****

Note:

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 15days.
4. The above Results are related to the tested Sample Only.

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| Company Name:- M/s Zydus Wellness Products Ltd. | Date of Issue:- 10/12/2024 |
| Address:- P.B. No-1 Anoop Shahr Road Cherat Aligarh (U.P.) | Monitoring Date:- 04/12/2024 |
| Nature of Sample:- Effluent Sample | Sample Collected by:- Sampling Staff |
| Sampling Location:- Inlet of ETP | Lab. ref. No:- AETRL/051124WW0001 |

TEST RESULT

| S. No. | PARAMETER | UNIT | PROTOCOL | RESULTS |
|--------|--|-------|---------------|---------|
| 1 | pH | | APHA 4500 H+B | 5.35 |
| 2 | Suspended Solids (SS) | Mg/l | APHA 4500 H+B | 172.0 |
| 3 | Bio-Chemical Oxygen Demand (BOD-3days at 27°C) | Mg/l | APHA 4500 (D) | 366.0 |
| 4 | Chemical Oxygen Demand (COD) | Mg/l | APHA 4500 (B) | 1446.0 |
| 5 | Oil & Grease (O&G) | Mg/l | APHA 4500 (B) | 10.2 |

*Blow detective limit

Prepared By (Lab Incharge)



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TEST REPORT

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| Company Name:- M/s Zydus Wellness Products Ltd. | Date of Issue:- 10/12/2024 |
| Address:- P.B. No-1 Anoop Shahr Road Cherat Aligarh (U.P.) | Monitoring Date:- 04/12/2024 |
| Nature of Sample:- Effluent Sample | Sample Collected by:- Sampling Staff |
| Sampling Location:- Outlet of ETP | Lab. ref. No:- AETRL/051124WW0001 |

TEST RESULT

| S. No. | PARAMETER | UNIT | PROTOCOL | RESULTS | Standard (CPCB) |
|--------|--|------|---------------|---------|-----------------|
| 1. | pH | ... | APHA 4500 H+B | 7.68 | 6.5 – 9.0 |
| 2. | Total Dissolved Solids(TDS) | Mg/l | APHA -2540C | 38 | 100 |
| 3. | Bio-Chemical Oxygen Demand (BOD-3days at 27°C) | Mg/l | APHA 4500 (D) | 26 | 30 |
| 4. | Chemical Oxygen Demand (COD) | Mg/l | APHA 4500 (B) | 138 | 250 |
| 5. | Oil & Grease (O&G) | Mg/l | APHA 4500 (B) | 04 | 10 |

*Blow detective limit

Prepared By (Lab Incharge)



Authorized Signatory