



TEST REPORT

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|--|-------------|---------------|
| Customer's Name and Address M/s. Zydus Wellness Limited 7A, 7B & 8, Saket Industrial Estate, Sarkhej-Bavla Highway, Moraiya, Tal: Sanand Dist.: Ahmedabad | FORMAT NO. | F/LID/03 |
| | REPORT DATE | 12/01/2024 |
| | REPORT NO. | EET/202401018 |

| | | | |
|------------------------------|--------------------------------------|----------------------------|--|
| Description of sample | Wastewater sample | Lab ID Code | WE/23-24/01/020: Raw WE/23-24/01/021: Treated |
| Date of sampling | 04/01/2024 | Sampling time | 15:00 to 15:10 |
| | | Sampling method | Grab |
| Sample collected by | Field Chemist | Packing/seal | Satisfactory |
| Quantity and no. of sample/s | 2 litres in plastic carboys (2 nos.) | Date of starting of test | 05/01/2024 |
| | | Date of completion of test | 11/01/2024 |

RESULT TABLE

| Sr. No. | Parameter | Unit | Test method | Result | | Prescribed Norms |
|---------|---|-------|--|--------|---------|------------------|
| | | | | Raw | Treated | |
| 1 | pH | -- | IS 3025 (part-11) – 1983 | 7.45 | 7.85 | 6.5-8.5 |
| 2 | Temperature | °C | APHA 22 nd edition 2550 B | 24.2 | 24.2 | 40 |
| 3 | Colour (pt. co. scale) | units | IS 3025 (part-4) – 1983 | 176.9 | 42.5 | 100 |
| 4 | Total dissolved Solids | mg/L | IS 3025 (part-16) – 1984 | 2362.5 | 1211.4 | 2100 |
| 5 | Suspended Solids | mg/L | IS 3025 (part-17) – 1984 | 265.8 | 41.1 | 100 |
| 6 | Chemical Oxygen Demand | mg/L | IS 3025 (part-58) – 2006 | 625.5 | 70.3 | 100 |
| 7 | Biochemical Oxygen Demand (3 day 27°C) | mg/L | IS 3025 (part-44) –1993 | 201.3 | 21.63 | 30 |
| 8 | Oil & Grease | mg/L | IS 3025 (part-39) – 1991 | 12.1 | 5.3 | 10 |
| 9 | Chloride | mg/L | IS 3025 (part-32) – 1988 | 610.7 | 411.9 | 600 |
| 10 | Sulphate | mg/L | APHA 4500 SO ₄ -E | 310.5 | 242.8 | 1000 |
| 11 | Ammonical nitrogen | mg/L | IS 3025 (part-34) –1988 | 36.95 | 21.47 | 50 |
| 12 | Sodium absorption ratio | -- | Calculation Method | 49.78 | 18.50 | 26 |
| 13 | Phenolic compound | mg/L | APHA 22 nd edition 5530 D | 0.81 | 0.30 | 1 |
| 14 | Sulphide | mg/L | APHA 22 nd edition 4500-s ² -F | 1.08 | 0.45 | 2.0 |

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|  Analyzed By |  Authorized Signatory |
| Source of Prescribed Norms: NA | Field remark: |

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| | REPORT DATE | 12/01/2024 |
| | REPORT NO. | EET/202401019 |

| | | | |
|------------------------------|--------------------------------------|----------------------------|---------------------------------|
| Description of sample | Wastewater sample | Lab ID Code | WE/23-24/01/022: Aeration Water |
| Date of sampling | 04/01/2023 | Sampling time | 15:20 to 15:30 |
| | | Sampling method | Grab |
| Sample collected by | Field Chemist | Packing/seal | Satisfactory |
| Quantity and no. of sample/s | 2 litres in plastic carboys (1 nos.) | Date of starting of test | 05/01/2024 |
| | | Date of completion of test | 06/01/2024 |

RESULT TABLE

| Sr. No. | Parameter | Unit | Test method | Result |
|---------|-----------|------|--------------------------|----------------|
| | | | | Aeration water |
| 1 | pH | -- | IS 3025 (part-11) – 1983 | 7.11 |
| 2 | MLSS | mg/l | Gravimetric Method | 5142.6 |
| 3 | MLVSS | mg/l | Gravimetric Method | 4695.7 |



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| Customer's Name and Address M/s. Zydus Wellness Limited 7A, 7B & 8, Saket Industrial Estate, Sarkhej-Bavla Highway, Moraiya, Tal: SanandDist.: Ahmedabad | FORMAT NO. | F/LID/53 |
| | REPORT DATE | 12/01/2024 |
| | REPORT NO. | EET/202401020 |

| | | | |
|-----------------------|--------------------|----------------------------|-----------------|
| Description of sample | Stack gas emission | Lab ID Code | FE/23-24/01/023 |
| Date of sampling | 04/01/2024 | Sampling time | 13:30 to 14:00 |
| | | Sampling method | Standard Method |
| Sample collected by | Field Chemist | Date of starting of test | 05/01/2024 |
| Packing/seal | Satisfactory | Date of completion of test | 05/01/2024 |

RESULT TABLE

| | |
|--|-----------------|
| Stack Details | |
| Stack attached to | Boiler |
| Type of fuel | Agro Briquettes |
| Air Pollution Control System | ---- |
| Ambient Temperature in °C | 25 |
| Stack Temperature in °C | 142 |
| Stack gas velocity, m/s | 11.02 |
| Stack height above ground level (Meter) | 30 |
| Stack diameter at sampling point (Meter) | 0.3 |

| Sr. No. | Parameter | Unit | Test method | Result | Prescribed Norms |
|---------|--------------------|--------------------|--------------------------|--------|------------------|
| 1 | Particulate Matter | mg/Nm ³ | IS:11255 (Part-1) – 1985 | 102.36 | 150 |
| 2 | SO ₂ | ppm | IS:11255 (Part-2) – 1985 | 48.25 | 100 |
| 3 | NO _x | ppm | IS:11255 (Part-7) – 2005 | 42.66 | 50 |

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|  Analyzed By |  Authorized Signatory |
| Source of Prescribed Norms: Consent Order | Field remark: |

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| Customer's Name and Address M/s. Zydus Wellness Limited 7A, 7B & 8, Saket Industrial Estate, Sarkhej-Bavla Highway, Moraiya, Tal: Sanand Dist.: Ahmedabad | FORMAT NO. | F/LID/53 |
| | REPORT DATE | 12/01/2024 |
| | REPORT NO. | EET/202401021 |

| | | | |
|-----------------------|--------------------|----------------------------|-----------------|
| Description of sample | Stack gas emission | Lab ID Code | FE/23-24/01/024 |
| Date of sampling | 04/01/2024 | Sampling time | 12:30 to 13:00 |
| | | Sampling method | Standard Method |
| Sample collected by | Field Chemist | Date of starting of test | 07/10/2023 |
| Packing/seal | Satisfactory | Date of completion of test | 07/10/2023 |

RESULT TABLE

| | |
|--|-------------------|
| Stack Details | |
| Stack attached to | D.G Set (500 KVA) |
| Type of fuel | HSD |
| Air Pollution Control System | ---- |
| Ambient Temperature in °C | 25 |
| Stack Temperature in °C | 120 |
| Stack gas velocity, m/s | 11.06 |
| Stack height above ground level (Meter) | 9.0 |
| Stack diameter at sampling point (Meter) | 0.3 |

| Sr | Parameter | Unit | Test method | Result | Prescribed Norms |
|----|--------------------|--------------------|--------------------------|--------|------------------|
| 1 | Particulate Matter | mg/Nm ³ | IS:11255 (Part-1) – 1985 | 85.63 | 150 |
| 2 | SO ₂ | ppm | IS:11255 (Part-2) – 1985 | 39.05 | 100 |
| 3 | NO _x | ppm | IS:11255 (Part-7) – 2005 | 33.47 | 50 |

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|  Analyzed By |  Authorized Signatory |
| Source of Prescribed Norms: Consent Order | Field remark: |

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| Customer's Name and Address M/s. Zydus Wellness Limited 7A, 7B & 8, Saket Industrial Estate, Sarkhej-Bavla Highway, Moraiya, Tal: Sanand Dist.: Ahmedabad | FORMAT NO. | F/LID/54 |
| | REPORT DATE | 12/01/2024 |
| | REPORT NO. | EET/202401022 |

| | | | |
|-----------------------|-----------------------------|----------------------------|-------------------|
| Description of sample | Ambient Air Quality | Lab ID Code | AQ/23-24/01/025 |
| Date of sampling | 04/01/2024 to 05/01/2024 | Sampling time | 11:30 to 11:30 |
| | | Sampling method | Standard practice |
| Sample collected by | Field Chemist | Date of starting of test | 06/01/2024 |
| Packing/seal | Satisfactory | Date of completion of test | 06/01/2024 |

RESULT TABLE

| | | | |
|--|--------------------------|-------------------------|--|
| Sampling location | Near Boiler | | |
| Meteorological Data / Environmental Conditions | | | |
| Wind direction | NE→SW | | |
| Average wind speed (m/s) | 2.1 | | |
| Temperature | Max: 28.9 ^o C | Min:17.5 ^o C | |
| Humidity % | Max: 58 | Min: 40 | |

| Sr. No. | Parameter | Unit | Test method | Result | Prescribed Norms |
|---------|--|-------------------|----------------------------|--------|------------------|
| 1 | Particulate Matter -2.5, PM _{2.5} | µg/m ³ | IS 5182 (Part – 24) - 2019 | 30.05 | 60 |
| 2 | Particulate Matter -10, PM ₁₀ | µg/m ³ | IS 5182 (Part – 23) - 2006 | 65.28 | 100 |
| 3 | SO ₂ | µg/m ³ | IS 5182 (Part – 2) – 2001 | 13.61 | 80 |
| 4 | NO ₂ | µg/m ³ | IS 5182 (Part – 6) – 1975 | 18.04 | 80 |

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| | REPORT DATE | 12/01/2024 |
| | REPORT NO. | EET/202301023 |

| | | | |
|-----------------------|------------------------|-----------------|------------------------|
| Description of sample | Noise level Monitoring | Lab ID Code | NM/23-24/01/026 |
| Date of sampling | 04/01/2024 | Sampling method | IS 9989 – 1981 RA 2001 |
| Sample collected by | Field Chemist | | |

RESULT TABLE

| Sr. No. | SAMPLING LOCATION | Unit | Result | |
|---------|----------------------------|--------|------------------------------------|--------------------------------------|
| | | | Day Time (06:00 am to 10:00 pm) | Night Time (10:00 pm to 06:00 am) |
| 1 | Nr. Utility Area | dB (A) | 72.4 | 63.5 |
| 2 | Nr. NP - 1 Manufacturing | dB (A) | 72.8 | 65.5 |
| 3 | Nr. NP - 1 Wrapping | dB (A) | 71.1 | 62.8 |
| 4 | Nr. NP-1 Packing | dB (A) | 69.4 | 63.4 |
| 5 | Nr. NP - 2 Manufacturing | dB (A) | 73.5 | 68.0 |
| 6 | Nr. NP - 2 Wrapping | dB (A) | 69.9 | 62.5 |
| 7 | Nr. NP-2 Packing | dB (A) | 72.1 | 66.4 |
| 8 | Nr. NP - 3 Manufacturing | dB (A) | 74.2 | 68.7 |
| 9 | Nr. NP - 3 Wrapping | dB (A) | 68.0 | 62.2 |
| 10 | Nr. NP-3 Packing | dB (A) | 71.6 | 64.5 |
| 11 | Near Refrigeration -1 | dB (A) | 72.9 | 65.1 |
| 12 | Near Refrigeration -2:KC-3 | dB (A) | 68.5 | 62.8 |
| 13 | Near SIG-2 Manufacturing | dB(A) | 71.6 | 69.1 |
| 14 | Near SIG-2 Packing | dB(A) | 72.5 | 66.4 |

Note : Day Time Norms : 75 dB(A)
Night Time Norms: 70 dB(A)

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|---|--|
|  Analyzed By |  Authorized Signatory |
| Source of Prescribed Norms: Consent Order | Field remark: |