

Advanced Environmental Testing And Research Lab P. Ltd.



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, aetri2016@gmail.com, aetricenter@gmail.com

Web: www.aetri.com



TC-12780

TEST REPORT

Company Name: M/s Zydus Wellness Products Ltd.	Date of Issue: 27/03/2024
Address: P.B. No-1 Anoop Shahr Road Cherat Aligarh (U.P.)	Monitoring Date : 18/03/2024
Nature of Sample: Effluent Sample	Sample Collected by: Sampling Staff
Sampling Location: Inlet of ETP	Lab. ref. No: AETRL/190324WW0001

TEST RESULT

S. No.	PARAMETER	UNIT	PROTOCOL	RESULTS
1	pH	APHA 4500 H+B	5.45
2	Suspended Solids (SS)	Mg/l	APHA 4500 H+B	180.0
3	Bio-Chemical Oxygen Demand (BOD-3days at 27°C)	Mg/l	APHA 4500 (D)	345.0
4	Chemical Oxygen Demand (COD)	Mg/l	APHA 4500 (B)	1389.0
5	Oil & Grease (O&G)	Mg/l	APHA 4500 (B)	14.7

(Authorized Signatory)

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Nature of Sample: Effluent Sample	Sample Collected by: Sampling Staff
Sampling Location: Outlet of ETP	Lab. ref. No: AETRL/190324WW0002

TEST RESULT

S. No.	PARAMETER	UNIT	PROTOCOL	RESULTS	Standard (CPCB)
1.	pH	...	APHA 4500 H+B	7.46	6.5 - 9.0
2.	Total Dissolved Solids(TDS)	Mg/l	APHA -2540C	45	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)	145	250
5.	Oil & Grease (O&G)	Mg/l	APHA 4500 (B)	05	10

*Blow detective limit


(Authorized Signatory)



ISO/IEC 17025:2017



IN-NRC-10126



International Safety Quality Environment Management Association

Compliance to ISO/IEC 17025:2017, Vide Certificate No. UR-4390 Valid upto 25th Aug 2023

TEST REPORT

TEST REPORT NO.	NH23022010	PAGE.No	1 of 1
SERVICE REQUEST NO.	H23017	SERVICE REQUEST DATE	16.08.2023
DATE OF ISSUE	23.08.2023	Sample RECEIVED ON	22.08.2023
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS	
M/s. Zydus Wellness Product Ltd. P.B No-1 Anoop Shahar Road Cherat Aligarh (U P)		Description : Ambient Noise monitored by us Weather condition : Clear sky Instrument Used : Noise Meter Date of monitoring : 21.08.2023	

TEST RESULTS

Ambient Noise Level

S.No	Location	Unit	Observed value
			Equivalent Noise Level, Leq (*day)
1.	Near DG Set Area	dB(A)	70.4

Ambient Standards in Respect of Noise for Industrial Area as per E(P)A 1986

Area Code	Category of Area / Zone	Limits in dB(A) Leq*	
		Day	Night
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

Note : * Day time means from 6.00 a.m. to 10.00 p.m.

** Night time means from 10.00 p.m. to 6.00 am



[Signature]
Checked By.

[Signature]
Authorized Signatory

Note 1. The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.

2. The results given above are related to the tested sample and mentioned parameters. Endorsement of product is neither inferred nor implied.

3. Total liability of our works is limited to invoiced amount.

4. This report can not be used as evidence in a court of law without the written approval of the lab.

5. Certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

6. Any sort of play by the customer with the data of this certificate shall be illegal.





TEST REPORT

TEST REPORT NO.	AG2302607	PAGE.No	1 of 1
SERVICE REQUEST NO.	G23044	SERVICE REQUEST DATE	18.07.2023
DATE OF ISSUE	31.07.2023	Sample RECEIVED ON	26.07.2023
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS	
M/s. Zydus Wellness Product Ltd. P.B No-1 Anoop Shahar Road Cherat Aligarh (U P)		Sample Particulars: Ambient Air Testing done on : 26.07.2023 to 30.07.2023	

TEST RESULTS AMBIENT AIR QUALITY ANALYSIS

Sampling Details:

Date of Sampling	: 24.07.2023 (09:30am) to 25.07.2023 (09:30 am)
Sampling Location	: Near DG Set area
Sampling done by	: Winmet representative
Sampling Duration	: 24 hours
Sampling duration for CO & O ₃	: 1 hours
Average Ambient Temperature (°C)	: 34
Weather condition	: clear sky
Avg Flow rate of RSPM (m ³ /min)	: 1.04
Sample Packing & Marking	: plastic bottle & Zip polybag, Hei/AA/Boi

S. NO	Parameters	Unit	Results	NAAQ Standards E(P)A, 1986	Test Method
1.	Particulate Matter (size less than 10 µm) or PM ₁₀	µg/m ³	97	100	IS: 5182 (part 23)
2.	Particulate Matter (size less than 2.5 µm) or PM _{2.5}	µg/m ³	47	60	IS: 5182 (part 24)
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18	80	IS: 5182 (pt 2)
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	40	80	IS: 5182 (part 6)
5.	Carbon Monoxide (CO)	mg/m ³	1.25	4	IS: 5182 (pt 10)
6.	Ammonia (NH ₃)	µg/m ³	<20	400	IS: 5182 (part 25)
7.	Ozone (O ₃)	µg/m ³	17	180	IS: 5182 (part 09)
8.	Lead (Pb)	µg/m ³	BDL(DL.0.2)	1	IS: 5182 (pt 22)
9.	Nickel (Ni)	ng/m ³	BDL(DL.2.0)	20	ICP method
10.	Arsenic (As)	ng/m ³	BDL(DL.5)	6	ICP method
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL(DL.5)	5	IS:5182 (part 11)
12.	Benzo(a)Pyrene	ng/m ³	BDL(DL.1)	1	IS:5182 (pt 12)

BDL is Below Detection Limit
DL is Detection Limit

End of Report

Checked By.

- Sample will be retained for two weeks from the date of issue of test report, unless specified by the customer.
- The results given above are related to the tested sample and mentioned parameters. Endorsement of product is neither inferred nor implied.
- Total liability of our works is limited to invoiced amount.
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Authorized Signatory





TEST REPORT

TEST REPORT NO.	AG23026011	PAGE.No	1 of 1
SERVICE REQUEST NO.	G23044	SERVICE REQUEST DATE	18.07.2023
DATE OF ISSUE	31.07.2023	Sample RECEIVED ON	26.07.2023
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS	
M/s Zydus Wellness Product Ltd. P.B No-1 Anoop Shahar Road Cherat Aligarh (U P)		Sample Particulars: one sample of Work Zone Air (sampling done by us) Testing done on : 26.07.2023 to 30.07.2023	

TEST RESULTS

WORKZONE AIR QUALITY ANALYSIS

Sampling Details:

Date of Sampling	:25.07.2023
Sampling Location	: Ghee Plant
Sampling Duration	: 09:30 AM to 05:30 PM (8 hours)
Sampling done by	: winmet representative
Average Ambient Temperature (°C)	: 26.0
Weather Condition	: clear sky
Sample Packing & Marking	: plastic bottle & Zip polybag.Ghee Plant

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1.	SPM	µg/m ³	423	15000 as per OSHA	IS: 5182 (part 4)
2.	Sulphur Dioxide (SO ₂)	µg/m ³	19	5000 as per Factories Act, 1948	IS: 5182 (pt 2)
3.	Nitrogen Dioxide (NO ₂)	µg/m ³	37	6000 as per Factories Act, 1948	IS: 5182 (part 6)
4.	Carbon Monoxide (CO)	mg/m ³	1.04	55 as per Factories Act 1948	IS: 5182 (pt 10)
5.	Lead (Pb)	mg/m ³	BDL(DL.0.1)	0.15 as per Factories Act, 1948	IS: 5182 (pt 22)

BDL is Below Detection Limit **End of Report**
DL is Detection limit



Checked By 

Authorized Signatory 

- Note 1. Sample will be retained for 15 days from the date of issue of test report, unless specified by the customer.
- The results given above are related to the tested sample and mentioned parameters. Endorsement of product is neither inferred nor implied.
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TC-12780

TEST REPORT

Company Name: M/s Zydus Wellness Products Ltd	Date of Issue: 27/03/2024
Address: P.B. No-1 Anoop Shahar Road Cherat Aligarh (U.P.)	Monitoring Date :18/03/2024
Nature of Sample: ETP Sludge	Lab. Ref. No. AETRL/190324G0001
	Sample Collected by: Sampling Staff

TEST RESULT

S. No.	PARAMETER	UNIT	RESULTS
1	pH	6.66
2	Volatile Matter	%	75.0
3	Organic Matters	%	32.0
4	Calcium	Mg/kg	348.0
5	Magnesium	Mg/kg	146.0
6	Silica	Mg/kg	25.0
7	Phosphate as P ₂ O ₅	Mg/kg	13.9
8	Potash as K ₂ O	Mg/kg	138.0
9	Nitrogen as N ₂	Mg/kg	16.8
10	Iron as Fe ₂ O ₃	Mg/kg	8.4
11	Zinc as Zn	Mg/kg	9.3
12	Nickel as Ni	Mg/kg	0.7
13	Copper as cu	Mg/kg	3.0
14	Total Chromium	Mg/kg	0.005
15	Arsenic as As	Mg/kg	0.03
16	Cadmium as cd	Mg/kg	0.004
17	Mercury as Hg	Mg/kg	<0.0005
18	Lead as Pb	Mg/kg	0.2

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TEST REPORT

Company Name: M/s Zydus Wellness Products Ltd.	Date of Issue : 23/03/2024
Address: P.B. No-1 Anoop Shahar Road Cherat Aligarh (U.P.)	Monitoring Date : 18/03/2024
Nature of Sample: Flue gas emission of Boiler	Sample Collected by: Sampling Staff
Location Point : Boiler Stack	Lab. ref. No: AETRL/19034ST0001
Stack Height: 43.0 Mtr.	Diameter of Stack: 1.2Mtr.
Type of fuel used : Rise Husk & coal	Pollution Control Devices : ESP
Height of Sampling Location: 18 Mtr.	Material of Construction : MS
Capacity of boiler: 12 TPH	

PHYSICAL OBSERVATIONS

Ambient temperature	°C	:	31.0
Flue gas temperature	°C	:	120.0
Velocity of flue gas	m/s	:	7.2
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	84	150
2	Sulphur Dioxide (SO ₂) mg/Nm ³	14	NOT SPECIFIED
3	Oxides of Nitrogen (NO ₂) mg/Nm ³	46	NOT SPECIFIED
4	Carbon Monoxide (CO)	<0.2	NOT SPECIFIED
5	Carbon Dioxide (CO ₂)	10.0	NOT SPECIFIED

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TC-12750

TEST REPORT

Company Name: M/s Zydus Wellness Products Ltd	Date of Issue: 23/03/2024
Address: P.B. No-1 Anoop Shahar Road Cherat Aligarh (U.P.)	Monitoring Date: 18/03/2024
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/19034ST0005
Type of fuel used: HSD	Stack Diameter at the top: 8 Inch
Capacity: 750 KVA	Material of Construction: MS

PHYSICAL OBSERVATIONS

Ambient temperature °C	:	31.0
Flue gas temperature °C (Avg)	:	154.0
Velocity of flue gas m/s (Avg)	:	17.2
Sampling flow rate (LPM)	:	19.8

TEST RESULT

S.No.	Parameter	Protocol	Results	Standards
1.	Particulate Matter, g/kw-hr	IS: 11255 (part1)	0.12	0.2 max
2.	Sulphur Dioxide (SO ₂) (3%O ₂) correction	IS: 11255 (part2)	16	-
3.	Oxide of nitrogen (NO _x as NO ₂) (3% O ₂ correction)	IS: 11255 (part7)	62	-
4.	Carbon Monoxide (Co)		<-0.2	-
5.	Carbon Dioxide (CO ₂)	Orsat gas analyzer	10.6	-

(Authorized Signatory)



ISO/IEC 17025:2017



IN-NRC-10126



Compliance to ISO/IEC 17025:2017, Vide Certificate No. UR-4390 Valid upto 25th Aug 2023

TEST REPORT

TEST REPORT NO.	SG23026020	PAGE.No	1 of 1
SERVICE REQUEST NO.	G23044	SERVICE REQUEST DATE	18.07.2023
DATE OF ISSUE	31.07.2023	Sample RECEIVED ON	26.07.2023
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS	
M/s. Zydus Wellness Products Ltd. P.B No.1Anoop Sahar Road Cherat, Aligarh (UP)		Description : One SLUDGE Sample collected by us on 25.07.2023	
		Sample Packing & Marking : Plastic zipbag , BI/sludge Quantity : 250 g Environment Conditions : normal Date of testing : 26.07.2023 to 30.07.2023	

TEST RESULTS

Sludge Sample Analysis

S.No.	Parameters	Units	Results	Specification
1.	Moisture	%	30	-
2.	pH at 25°C (1: 2.5 susp)	-	7.34	-
3.	Arsenic	Mg/kg	<0.02	50
4.	Lead (as Pb)	Mg/kg	0.40	5000
5.	Zinc (as Zn)	Mg/kg	3.60	20000
6.	Copper (as Cu)	Mg/kg	0.13	5000
7.	Total Chromium (Cr)	Mg/kg	0.15	-
8.	Cadmium (as Cd)	Mg/kg	0.09	50
9.	Cyanide Organic(CN)	Mg/kg	<0.05	-
10.	Calcium(Cao)	%	8.4	-
11.	Nickel (as Ni)	Mg/kg	0.31	5000
12.	Magnesium (as Mgo)	%	2.5	-
13.	Organic Matter	%	14.6	-
14.	Total Silica(Sio2)	%	16.1	-
15.	Phosphate(PO4)	%	1.17	-
16.	Reactivity	-	Not reactive with water	-
17.	Ignitability	-	Not ignitable	-

End of Report

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