



SPECTRA TESTING LABS (OPC) PVT. LTD.

(FORMERLY KNOWN AS SPECTRA ANALYTIC LABS) The Result You Can Trust

(An ISO 9001:2015, 14001:2015 OHSAS 45001:2018 Certified & NABL Accredited Laboratory)

Plot No-343/14, Krishna Colony, Sehatpur, Faridabad, Haryana-121003

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CIN: U71200HR2023OPC113725

TEST REPORT

Name & Address of Customer		Test Report Number	DW/0124/08107
ISSUED TO:- M/S PLATO PUBLIC SR.SEC. SCHOOL IP EXTENSION, PATPARGANJ, DELHI-110091		Date of Report	08.01.2024
		Job Order Number	SAL/ DW/0623/02112
		Sample Description	One Sample of Water
		Date of Sampling	02.01.2024
		Sampling Done by	SAL Lab Representative
		Sample Location	Drinking Water
		Type of Sampling	Grab Sampling
		Sampling Protocol	SAL/SOP/7.3-WTR
		Sample Received on	02.01.2024
Analysis Start Date	02.01.2024	Sample Packing	Plastic Bottle
Analysis End Date	08.01.2024	Sample Marking	R.O water

TEST RESULTS

WATER SAMPLE ANALYSIS

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S.NO	Parameters	Unit	Results	Max Requirement as per (IS-10500-2012)		Test method
				Acceptable	Permissible (in absence of alternate source)	
1	Colour,	Hazen	<5.0	5	15	IS:3025(p-4)1983
2	Turbidity	NTU	<1.0	1	5	IS:3025(p-10)1984
3	pH	-	7.38	6.5-8.5	No Relaxation	IS:3025(p-11)1983
4	Total Dissolved Solids	mg/l	155.0	500	2000	IS:3025(p-16)1984
5	Chloride (as Cl)	mg/l	43.2	250	1000	IS:3025(p-32)1988
6	Sulphate(as so4)	mg/l	6.2	200	400	IS:3025(p-24)1986
7	Calcium (as Ca)	mg/l	9.5	75	200	IS:3025(p-40)1991
8	Magnesium (as mg)	mg/l	5.2	30	100	IS:3025(p-46)2003
9	Iron (as Fe),	mg/l	0.02	0.3	No Relaxation	IS:3025(p-53)2003
10	Total Alkalinity (as CaCo3)	mg/l	56.8	200	600	IS:3025(p-23)1986
11	Total Hardness (as CaCo3)	mg/l	38.3	200	600	IS:3025(p-21)12009
12	Fluoride(as F)	mg/l	0.02	1	1.5	IS:3025(p-60)2008

Analyst

AUTHORISED SIGNATORY

Note :

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.



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13	Copper (as Cu)	mg/l	ND(DL-0.01)	0.05	1.5	IS:3025(p-42)2003
14	Taste	-	Agreeable	Agreeable	Agreeable	IS:3025(p-7)1984
15	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025(p-5)1983
16	Hexavalent Chromium(as Cr ⁶⁺)	mg/l	ND(DL-0.01)	0.05	No Relaxation	APHA 3500-13
17	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	ND(DL-0.001)	0.001	0.002	IS:3025(p-43)1988
18	Cyanide (as CN)	mg/l	ND(DL-0.01)	0.05	No Relaxation	IS:3025(p-27)2003
19	Zinc (as Zn)	mg/l	ND(DL-1.0)	5.0	15	IS:3025(p-39)
20	Arsenic (as As)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-37)
21	Selenium (as Se)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-56)2003
22	Mercury (as Hg)	mg/l	ND(DL-0.001)	0.001	No Relaxation	IS:3025(p-48)2003
23	Cadmium (as Cd)	mg/l	ND(DL-0.001)	0.003	No Relaxation	IS:3025(p-41)
24	Lead (as Pb)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-47)2003
25	Aluminium(as Al)	mg/l	ND(DL-0.01)	0.03	No Relaxation	IS:3025(p-55)2003
26	Boron (as Cl)	mg/l	ND(DL-0.01)	0.5	1.0	IS:5220(P-13)
27	Manganese (as Mn)	mg/l	ND(DL-0.01)	0.1	0.3	IS:3025(p-59)2006
28	Nitrate (as No ₃)	mg/l	2.4	45	No Relaxation	IS:3025(p-34)1988
29	Nickel (as Ni)	mg/l	ND(DL-0.01)	0.02	No Relaxation	IS:3025(p-57)2005
30	Residual free Chlorine	mg/l	0.20	0.20	1	IS:3025(p-26)1986

Microbiological Test

Sr.No.	Test Parameters	Units	Results	Requirement IS:10500-2012	Test Method
1	Coliform	MPN/100ml	Absent	Absent	IS:15185
2	E.Coli	MPN/100ml	Absent	Absent	IS:15185

Not: BDL-Below Detection Limit

ND-Not Detected,DL=Detection Limits,

Conclusion:-The Sample Conforms as Per IS:10500:2012 for Water on Parameters w.r.t the above test Only
The Water Fit For Drinking Purpose

****End of Report****

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Analyst

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