



# SPECTRA TESTING LABS (OPC) PVT. LTD.

The Result You Can Trust

(FORMERLY KNOWN AS SPECTRA ANALYTIC LAB

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

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

Email: care.spectra@gmail.com | Website: www.spectraanalyticlabs.com | 9560653541,9310207829

## TEST REPORT

<b>Name &amp; Address of Customer</b>		<b>Test Report Number</b>	DW/0525/07120
<b>Issued To:-</b> M/s. LOVELY PUBLIC MIDDLE SCHOOL GEETA COLONY, DELHI-110031		<b>Date of Report</b>	07.05.2025
		<b>Job Order Number</b>	SAL/DW/0525/02120
		<b>Sample Description</b>	One Sample of Ro Water
		<b>Date of Sampling</b>	02.05.2025
		<b>Sampling Done by</b>	SAL Lab Representative
		<b>Sample Source</b>	RO DISPENSER
		<b>Sampling Protocol</b>	SAL/SOP/7.3-WTR
<b>Sample Received on</b>	02.05.2025	<b>Sample Quantity</b>	2 Ltr
<b>Analysis Start Date</b>	02.05.2025	<b>Sample Packing</b>	Plastic Bottle
<b>Analysis End Date</b>	07.05.2025	<b>Sample Marking</b>	RO WATER

### TEST RESULTS

#### WATER SAMPLE ANALYSIS

S. No	Parameters	Unit	Max Requirement as per (IS-10500-2012) Ammn.2		Results	Test Method
			Acceptable	Permissible (in absence of alternate source)		
<b>Physico-Chemical</b>						
1.	True Color	Hazen	5	15	< 5	IS: 3025(Part-04)1983 RA2017
2.	Odour	-	Agreeable	-	Agreeable	IS: 3025(Part-05)1983 RA 2017
3.	Taste	...	Agreeable	Agreeable	Agreeable	APHA2160-C
4.	Turbidity	NTU	1 NTU	5	BDL(DL=1.0)	IS: 3025(Part-10):2023
5.	pH Value at 25°C	-	6.5-8.5	No Relaxation	7.37	IS: 3025(Part-11):2022
6.	Total Hardness (as CaCO <sub>3</sub> )	mg/l	200	600	19.0	IS: 3025(Part-21):2009 RA 2023
7.	Total Alkalinity as CaCO <sub>3</sub>	mg/l	200	600	29.2	IS: 3025(Part-23)::2023
8.	Total Dissolved Solids	mg/l	500	2000	85.0	IS: 3025(Part-16):2023
9.	Chlorides (as Cl)	mg/l	250	1000	9.6	IS: 3025(Part-32)1988 RA 2019
10.	Calcium(as Ca)	mg/l	75	200	4.0	IS: 3025(Part-40):1991
11.	Magnesium (as Mg)	mg/l	30	100	1.9	IS: 3025 (Part-46):2023
12.	Sulphate (as SO <sub>4</sub> )	mg/l	200	400	2.8	IS: 3025(Part-24):2022
13.	Nitrate,(NO <sub>3</sub> )	mg/L	45	NoRelaxation	1.3	APHA4500:(NO <sub>3</sub> )-B
14.	Iron (as Fe)	mg/l	1.0	No Relaxation	BDL(DL=0.1)	IS: 3025(P-53):2024
15.	Copper (as Cu)	mg/l	0.05	1.5	ND(DL=0.01)	IS: 3025(Part-42)

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**Chandra Dev**

(Sr. Chemist)

*Chandra Dev*  
Analyst

**Ambika Rawat**

(Quality Manager)

*Ambika Rawat*  
Checked by

**Omesh Kumar**

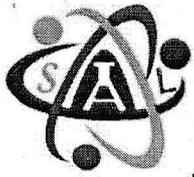
(Technical Manager)

*Omesh Kumar*  
AUTHORISED SIGNATORY

**Note:**

- The result given above are related to the tested sample, as received & mentioned parameters, The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced
- This test report will not be generated again either wholly as in part, without prior written permission of the laboratory.
- This test report will not be used for any publicity/legal purpose.
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## TEST REPORT

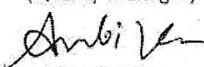
Report No. DW/0525/07120						Page-2 of 2
16	Hexavalent Chromium (as Cr <sup>+6</sup> )	mg/l	ND(DL-0.01)	0.05	No Relaxation	APHA 3500-13
17	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/l	ND(DL-0.001)	0.001	0.002	IS:3025(p-43)1988
18	Cyanide (as CN)	mg/l	ND(DL-0.01)	0.05	No Relaxation	IS:3025(p-27)2003
19	Zinc (as Zn)	mg/l	ND(DL-1.0)	5.0	15	IS:3025(p-39)
20	Mineral oil	mg/l	ND(DL-0.01)	0.5	No Relaxation	APHA
21	Arsenic (as As)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-37)
22	Selenium (as Se)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-56)2003
23	Mercury (as Hg)	mg/l	ND(DL-0.001)	0.001	No Relaxation	IS:3025(p-48)2003
24	Cadmium (as Cd)	mg/l	ND(DL-0.001)	0.003	No Relaxation	IS:3025(p-41)
25	Lead (as Pb)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-47)2003
26	Aluminium(as Al)	mg/l	ND(DL-0.01)	0.03	No Relaxation	IS:3025(p-55)2003
27	Boron (as Cl)	mg/l	ND(DL-0.01)	0.5	1.0	IS:5220(P-13)
28	Ammonic Detergent as (as MBAS)	mg/l	ND(DL-0.1)	0.2	1.0	IS:13428-2005
29	Manganese (as Mn)	mg/l	ND(DL-0.01)	0.1	0.3	IS:3025(p-59)2006
30	Nitrate (as No <sub>3</sub> )	mg/l	2.0	44	No Relaxation	IS:3025(p-34)1988
31	Nickel (as Ni)	mg/l	ND(DL-0.01)	0.02	No Relaxation	IS:3025(p-57)2005
32	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	

\*\*\*End of Report\*\*\*

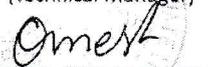
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