



# Spectra Testing Laboratory

An ISO-9001 : 2015 Certified Laboratory

Testing of Water, Food, Chemicals, Materials, Environment, Safety Audit

D-14/8, 1st Floor, Okhla Industrial Area Phase -1  
New Delhi -110020 (India)  
Ph.: 011-41735151, +91-8700934663, 9891225809  
E-mail : care.spectra@gmail.com  
website: www.spectratesting.com,  
www.spectratesting.in

## TEST REPORT

Issued To: SHREE RAM GLOBAL SCHOOL  
HS-03, TECH ZONE-7, GREATER NOIDA(W)  
NOIDA EXTENSION GREATER NOIDA-203207 U.P.

Report No. 20210212002  
Date of Receipt : 12.02.2021  
Date of Issue : 17.02.2021  
Test Started On : 12.02.2021  
Test Completed on : 17.02.2021

Nature of the Sample : R O WATER  
Customer Ref. No. : N.S.  
Brand Name : N.S.  
Sampling Method : N.S.  
Sample collected by : Lab Representative  
Mfg. Date : N.S.

Sample Quantity : 2Ltr.  
Sample Pkg. : N.S.  
Best Before Date : N.S.  
Any Other Information : N.S.

### Drinking Water IS:10500-2012

Sr.No.	Test Parameters	Units	Results	Requirement (IS:10500)	Test Method
1	Colour	Hazen	<1.0	5 max	IS:3025(p-4)1983
2	Odour	-	Agreeable	Agreeable	IS:3025(p-5)1983
3	Taste	-	Agreeable	Agreeable	IS:3025(p-7)1984
4	Turbidity	NTU	1.0	1 max	IS:3025(p-10)1984
5	pH	-	7.14	6.5-8.5	IS:3025(p-11)1983
6	Total Dissolved Solids	mg/l	68.0	500 max	IS:3025(p-16)1984
7	Total Hardness (as CaCo <sub>3</sub> )	mg/l	12.5	200 max	IS:3025(p-21)2009
8	Calcium (as Ca)	mg/l	6.0	75 max	IS:3025(p-40)1991
9	Magnesium (as mg)	mg/l	2.0	30 max	IS:3025(p-46)2003
10	Total Alkalinity (as CaCo <sub>3</sub> )	mg/l	18.0	200 max	IS:3025(p-23)1986
11	Iron (as Fe)	mg/l	<0.01	0.3 max	IS:3025(p-53)2003
12	Chloride (as Cl)	mg/l	8.0	250 max	IS:3025(p-32)1988
13	Sulphate(as so <sub>4</sub> )	mg/l	1.0	200 max	IS:3025(p-24)1986
14	Hexavalent Chromium (as Cr <sup>+6</sup> )	mg/l	ND(DL-0.01)	0.05 max	APHA 3500-13
15	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/l	ND(DL-0.001)	0.001 max	IS:3025(p-43)1988
16	Cyanide (as CN)	mg/l	ND(DL-0.01)	0.05 max	IS:3025(p-27)2003
17	Zinc (as Zn)	mg/l	ND(DL-1.0)	5.0 max	IS:3025(p-39)

Page-1of2

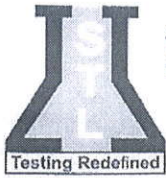
Prepared by:

Checked by

AUTHORISED SIGNATORY

NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report related only to the sample tested. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance and not for legal purpose or for advertisement. This report shall not be reproduced except in full without the written approval of this organization. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total liability of Spectra Testing Laboratory is limited to the amount paid for the test.

Manager  
Shri Ram Global School  
HS-03, Sector Techzone 7, Greater Noida West  
Greater Noida-203207, (U.P.)



# Spectra Testing Laboratory

An ISO-9001 : 2015 Certified Laboratory  
Testing of Water, Food, Chemicals, Materials, Environment, Safety Audit

D-14/8, 1st Floor, Okhla Industrial Area Phase -1  
New Delhi -110020 (India)  
Ph.: 011-41735151, +91-8700934663, 9891225809  
E-mail : care.spectra@gmail.com  
website: www.spectratesting.com,  
www.spectratesting.in

## TEST REPORT

Report No.- 20210212002					Page-2of2
Sr.No.	Test Parameters	Units	Results	Requirement (IS:10500-2012)	Test Method
18	Copper (as Cu)	mg/l	ND(DL-0.01)	0.05 max	IS:3025(p-42)2003
19	Mineral oil	mg/l	ND(DL-0.01)	0.5 max	APHA
20	Arsenic (as As)	mg/l	ND(DL-0.01)	0.01 max	IS:3025(p-37)
21	Selenium (as Se)	mg/l	ND(DL-0.01)	0.01 max	IS:3025(p-56)2003
22	Mercury (as Hg)	mg/l	ND(DL-0.001)	0.001 max	IS:3025(p-48)2003
23	Cadmium (as Cd)	mg/l	ND(DL-0.001)	0.003 max	IS:3025(p-41)
24	Lead (as Pb)	mg/l	ND(DL-0.01)	0.01 max	IS:3025(p-47)2003
25	Aluminium(as Al)	mg/l	ND(DL-0.01)	0.03 max	IS:3025(p-55)2003
26	Boron (as Cl)	mg/l	ND(DL-0.01)	0.5 max	IS:5220(P-13)
27	Fluoride(as F)	mg/l	0.07	1 max	IS:3025(p-60)2008
28	Ammonic Detergent as (as MBAS)	mg/l	ND(DL-0.1)	0.2 max	IS:13428-2005
29	Manganese (as Mn)	mg/l	ND(DL-0.01)	0.1 max	IS:3025(p-59)2006
30	Nitrate (as No3)	mg/l	2.50	45 max	IS:3025(p-34)1988
31	Nickel (as Ni)	mg/l	ND(DL-0.01)	0.02 max	IS:3025(p-57)2005
32	Residual free Chlorine	mg/l	Nil	0.20Min	IS:3025(p-26)1986
<b>Microbiological Test</b>					
1	Coliform	MPN/100ml	Absent	Absent	IS:1622-1981
2	E.Coli	MPN/100ml	Absent	Absent	IS:1622-1981

Not: BDL-Below Detection Limit

ND-Not Detected,DL=Detection Limits

Remarks: The sample conforms as per IS:10500-2012 for water on parameters w.r.t. the above tests only

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

Prepared by:

Checked by:

AUTHORISED SIGNATORY

NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report related only to the sample tested. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance and not for legal purpose or for advertisement. This report shall not be reproduced except in full without the written approval of this organization. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total Liability of Spectra Testing Laboratory is limited to the amount of the fee paid for the test.

Manager  
Spectra Testing Laboratory  
D-14/8, Sector 14, Okhla Industrial Area Phase -1, New Delhi - 110020, (India)