

TEST REPORT

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Report No.	: C202304010024	Date of Reporting	: 11/04/2023
Issued to	BIRLA OPEN MINDS INTERNATIONAL SCHOOL. SHINIWALA SHIMLA BY PASS ROAD P.O SHERPUR DEHRADUN-248197.	Date of Receipt	: 01/04/2023
		Test Started on	: 01/04/2023
		Test Completed on	: 11/04/2023
		Sample code	: N.S
Nature of Sample	: R.O DRINKING WATER	Sample Packing	: Plastic Container
Sample Collected By	: ITL Lab Representative, Dated: 31.03.2023	Sample Qty.	: 1.0 Ltr.

Table 1 Organoleptic and Physical Parameters

S.No.	Parameters	Results	Complete test as per IS:10500-2012		Detection Limit	Test Method
			Acceptable Limit	Permissible Limit		
i	Colour, Hazen units	<1.0	5 Max	15 Max	1.0	IS:3025 (Pt-4)-1983
ii	Odour	Agreeable	Agreeable	Agreeable	-	IS:3025 (Pt-5)-1983
lii	Taste	Agreeable	Agreeable	Agreeable	-	IS:3025 (Pt-7&8)-1984
iv	Turbidity, NTU	<1.0	1 Max	5 Max	0.1	IS:3025 (Pt-10)-1984
v	pH Value	7.12	6.5 to 8.5	No relaxation	0.01	IS:3025 (Pt-11)-1983
vi	Total Dissolved solids, mg/l	132	500 Max	2000 Max	1.0	IS:3025 (Pt-16)-1984
vii	Chloride (as Cl), mg/l	23	250 Max	1000 Max	0.2	IS:3025 (Pt-32)-1988
viii	Fluoride (as F), mg/l	BDL	1 Max	1.5 Max	0.1	IS:3025 (Pt-60)-2008
ix	Free residual chlorine, mg/l	BDL	0.2 Min	1 Min	0.1	IS:3025 (Pt-26)-1986
x	Total Hardness (as CaCO ₃), mg/l	69	200 Max	600 Max	0.5	IS:3025 (Pt-21)-2009
xi	Iron (as Fe), mg/l	BDL	1.0 Max	No relaxation	0.05	IS:3025 (Pt-53)-2003

MICROBIOLOGICAL PARAMETER:

S.No.	Parameters	Results	Requirement as per IS:10500-2012	Detection Limit	Test Method
i	Total Coliform/100ml	Absent	Should be absent	1	IS:1622:1981
ii	Escherichia coli/100ml	Absent	Should be absent	-	IS:1622:1981

End of Report

NOTE: BDL: BELOW DETECTION LIMIT.

ND: NOT DETECTED

Remarks: The no. of Parameters tested is 13 only. The test report is issued subject to the terms & conditions mentioned overleaf. The above tested parameters confirm to the standard of IS: 10500-2012.

Reviewed by

F/7.8/10



JAS-ANZ



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