



BTH LABORATORIES PRIVATE LIMITED

(FORMERLY BANGLORE TEST HOUSE)

Approved by Drug Control Department, Government of Karnataka

An ISO/IEC-17025-2017 accredited laboratory by NABL Vide Certificate No.TC-13505

TEST REPORT

Test Report Number	BTH/REP/2025/05/118	Test Report Issue Date	23.05.2025
Sample Code Number	BTH/2025/05/118	ULR Number	-
Name & Address of the customer [#]	M/s. BGS National Public School No.66/5,Sahasra Deepika Road Sakalvara Village, Off Bannerghatta Road, Bengaluru-560 083.	Reference to work order/Letter Reference [#]	Customer Requisition Form dated 12.05.2025
Name of the Sample [#]	RO Drinking Water	Date of Receipt of Sample	12.05.2025
Sample Particulars [#]	RO Drinking Water	Date of Start of Test	12.05.2025
Sample Quantity	5 Liter Can + 200 ml Sterilized Bottle	Date of Completion of Test	23.05.2025
Sample drawn by	Collected by us	Reference to sampling procedure	Not Applicable
Date of Sampling ^{!!}	Not Applicable	Time/Duration of Sampling	Not Applicable
Discipline	Chemical		
Product Category	-		
Product Sub-category	-		

Description: Colourless, odourless liquid.

RESULT TABLE

Chemical Testing Water

S No	Name of the Test	Method	Result	Acceptable Limit	Permissible Limit	Units	Deviation addition / exclusion method
1	Colour, Hazen units,	IS 3025-(Part 4) 1983 Cl.2 Reaff.2017)	<1	Max.5	Max.15	Hazen Unit	No
2	Odour	IS 3025-(Part 5) 2018	Agreeable	Agreeable	Agreeable	-	No
3	pH	IS 3025-(Part 11) 1983 Cl.2 Reaff.2017)	7.56 @ 25.1 Deg C	6.5 to 8.5	-	-	No
4	Turbidity	IS 3025-(Part 10) 1983 Cl.2 Reaff.2017)	<0.01	Max.1	Max.5	NTU	No
5	Total dissolved solids	IS 3025-(Part 16) 1983 Cl.2 Reaff.2017)	38 @ 104 Deg C	Max.500	Max.2000	mg/l	No



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S No	Name of the Test	Method	Result	Acceptable Limit	Permissible Limit	Units	Deviation addition / exclusion method
6	Aluminium (as Al)	IS 3025-(Part 55) 2003 Cl.5. Reaff.2019)	<0.01	Max 0.03	Max 0.2	mg/l	No
7	Ammonia (as total ammonia-N)	IS 3025-(Part 34) 1988 Cl.2.5 Reaff.2019)	<0.05	Max 0.5	No Relaxation	mg/l	No
8	Anionic detergents (as MBAS)	IS 13428 - 2005(Annexe K)	<0.2	Max 0.2	Max 1.0	mg/l	No
9	Barium (as Ba)	Annexe F of IS 13428 - 2005 Reaff.2014	<0.1	Max 0.7	No Relaxation	mg/l	No
10	Boron (as B)	IS 3025-(Part 57) 2005 Cl.6 Reaff.2017)	<0.1	Max 0.5	Max 2.4	mg/l	No
11	Calcium (as Ca)	IS 3025-(Part 40) 1991 Cl.5 Reaff.2019)	8.6	Max 75	Max 200	mg/l	No
12	Chloramines (as Cl ₂)	IS 3025-(Part 26) 1986 Cl.4 Reaff.2019)	<0.05	Max 4	No Relaxation	mg/l	No
13	Chloride, as Cl	APHA 4110B 23rd Edn., 2017	1.6	Max 250	Max 1000	mg/l	No
14	Copper, as Cu	IS 3025-(Part 42) 1992 Cl.5 Reaff.2019)	<0.05	Max 0.05	-	mg/l	No
15	Fluoride, as F	APHA 4110B 23rd Edn., 2017	0.06	Max 1	Max 1.5	mg/l	No
16	Free residual chlorine,	IS 3025-(Part 26) 1986 Cl.4 Reaff.2019)	0.4	Min 0.2	Min 1.0	mg/l	No

Chemical Testing Water

SNo	Name of the Test	Method	Result	Acceptable Limit	Permissible Limit	Units	Deviation addition / exclusion method
17	Iron ,as Fe	IS 3025- (Part 53) 2003 Cl.6 Reaff.2019)	0.01	Max 1	-	mg/I	No
18	Magnesium ,as Mg	IS 3025- (Part 46) 1994 Cl.6 Reaff.2019)	2.4	Max 30	Max 100	mg/I	No
19	Manganese,as Mn	IS 3025- (Part 59) 2006 Cl.5 Reaff.2017)	<0.03	Max 0.1	Max 0.3	mg/I	No
20	Mineral oil	IS 3025- (Part 39) 1991 Cl.6.0 Reaff.2019)	<0.05	Max 0.5	-	mg/I	No
21	Nitrate ,as NO3	APHA 4110B 23rd Edn.,2017	0.2	Max 45	-	mg/I	No
22	Phenolic compounds ,as C6 H5 OH	IS 3025- (Part 43) 1992 Cl.6 Reaff.2019)	Absent DL <0.001	Max <0.001	Max <0.002	mg/I	No
23	Selenium ,as Se	IS 3025- (Part 65) 2014	0.0002	Max <0.001	No Relaxation	mg/I	No
24	Silver as Ag	Annexe J of IS 13428- 2005 Reaff.2014	<0.01	Max <0.1	No Relaxation	mg/I	No
25	Sulphate, as SO4	APHA 4110B 23rd Edn.,2017	<0.1	Max 200	Max 400	mg/I	No
26	Sulphide ,as H2 S	IS 3025- (Part 29) 1986 Cl.3 Reaff.2019)	<0.05	Max 0.05	No Relaxation	mg/I	No
27	Total alkalinity ,as CaCo3	IS 3025- (Part 23) 1986 Reaff.2019)	16.8	Max 200	Max 600	mg/I	No
28	Total hardness ,as CaCO3)	IS 3025- (Part 21) 2009 Cl.5 Reaff.2019)	30.7	Max 200	Max 600	mg/I	No

Biological Testing

BTHL-LSF-7.8-02

S No	Name of the Test	Method	Result	Acceptable Limit	Permissible Limit	Units	Deviation addition / exclusion method
29	Coliform	IS 15185 - 2016	Absent	Shall Not be detectable	-	/100 ml	No
30	E-Coli	IS 15185 - 2016	Absent	Shall Not be detectable	-	mg/l	No

-End of Test Report-

Remarks: Limits as per IS : 10500-2012 (For parameters tested)

Note : DL: Detection Limit


Reviewed & Authorized By
(JYOTHI LAKSHMI S)
Manager-Environment

1) When samples are not drawn by the laboratory, results relate to submitted sample	2) All information of the customer & test sample will be maintained confidential by the laboratory
3) The tested samples will be available with the laboratory for the period of one month other than perishables & water samples	4) Information marked with # are customer supplied information for which laboratory is not responsible
5) The test results in part or full shall not be reproduced without prior permission for the laboratory. Laboratory is not responsible for photocopied test reports	6) The Tested sample will be available with the laboratory for a period of 15 days from the report date for water samples