



# Bharat Quality Testing Lab

An ISO 9001-2015 Certified Laboratory

#3738, 1st Main Road, Gayathrinagar, Bangalore – 560021  
Phone: 080-299025094 Mob. : 9071286611, 9035662508,  
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## TEST REPORT

<b>Report No. :</b> BQTL/2024/03/046	<b>Report Date :</b> 08.03.2024
M/S. H.K International School Hindustan Granite Rd, Uttarahalli Hobli, Bangalore-61	<b>Customer Reference :</b> Verbal
	<b>Date of Receipt :</b> 05.03.2024
<b>Sample received by :</b> Customer	<b>Date of test Start :</b> 05.03.2024
	<b>Date of Completion of Test:</b> 08.03.2024
<b>Sample Nature :</b> Drinking Water	<b>Sample Job Number :</b> BQTL/2024/03/046
	<b>Sample Particulars :</b> Water

Sample Description: Colourless ,Odorless Transparent Liquid.

### Physical & Chemical Test

Sl. No	Tests	Result	Limits as per IS 10500 : 2012 (Rev 2)		Protocol
			Maximum Acceptable Limits	Maximum Permissible Limits	
1	Colour, Hazen Units	<5	5	15	IS 3025/Part-4
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025/Part-5
3	pH Value	6.51	6.5 – 8.5	No Relaxation	IS 3025/Part-11
4	Turbidity as NTU	<1	1	5	IS 3025/Part-10
5	Total Hardness as CaCO <sub>3</sub> , mg/L	6.9	200	600	IS 3025/Part-21
6	Calcium as Ca, mg/L	1.9	75	200	IS 3025/Part-40
7	Magnesium as Mg, mg/L	0.48	30	100	IS 3025/Part-46
8	Total Dissolved Solids, mg/L	26.0	500	2000	IS 3025/Part-16
9	Chloride as Cl, mg/L	11.8	250	1000	IS 3025/Part-32
10	Sulphate as SO <sub>4</sub> , mg/L	<0.1	200	400	IS 3025/Part-24
11	Nitrate as NO <sub>3</sub> , mg/L	<0.1	45	No Relaxation	IS 3025/Part-34
12	Iron as Fe, mg/L	<0.1	0.3	1	IS 3025/Part-53
13	Fluoride as F, mg/L	<0.1	1.0	1.5	IS 3025/Part-60
14	Zinc as Zn, mg/L	<0.1	5	15	IS 3025/Part-49
15	Chromium as Cr <sup>6+</sup>	<0.01	0.05	No Relaxation	IS 3025/Part-52
16	Copper as Cu, mg/L	<0.01	0.05	1.5	IS 3025/Part-42
17	Aluminium as Al, mg/L	<0.01	0.03	0.2	IS 3025/Part-55
18	Boron as B, mg/L	<0.1	0.5	1.0	IS 3025/Part-57
19	Manganese as Mn, mg/L	<0.1	0.1	0.3	IS 3025/Part-59
20	Total Alkalinity as CaCO <sub>3</sub> , mg/L	12.9	200	600	IS 3025/Part-23

### Microbiological Test

Tests	Results	Limits as Per IS 10500-2012	Protocol
Total Coliform/100ml	Absent	Not detectable	IS 1622

#### Remarks:

Chemical –Above tested sample meets to Acceptable limits as per IS 10500: 2012, with respect to above parameters.  
Microbiology–Tested Sample Conforms to IS 10500 with respect to the above parameter.

Tested by



J.N. Nalin  
Authorized Signatory

#### Note

- 1 – The results listed above pertain only to the tested samples and applicable parameters.
- 2 – Samples will be stored for a period of 15 days unless otherwise specified.
- 3 – This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of law and should not be used in any advertising media without prior written permission.
- 4 – Sampling not done by us unless specified.



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## TEST REPORT

<b>Report No. :</b> BQTL/2024/03/045	<b>Report Date :</b> 08.03.2024
M/S. H.K International School Hindustan Granite Rd, Uttarahalli Hobli, Bangalore-61	<b>Customer Reference :</b> Verbal
	<b>Date of Receipt :</b> 05.03.2024
<b>Sample received by :</b> Customer	<b>Date of test Start :</b> 05.03.2024
	<b>Date of Completion of Test:</b> 08.03.2024
<b>Sample Nature :</b> Borewell Water	<b>Sample Job Number :</b> BQTL/2024/03/045
	<b>Sample Particulars :</b> Water

Sample Description: Colourless ,Odorless Transparent Liquid.

### Physical & Chemical Test

Sl. No	Tests	Result	Limits as per IS 10500 : 2012 (Rev 2)		Protocol
			Maximum Acceptable Limits	Maximum Permissible Limits	
1	Colour, Hazen Units	<5	5	15	IS 3025/Part-4
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025/Part-5
3	pH Value	7.01	6.5 – 8.5	No Relaxation	IS 3025/Part-11
4	Turbidity as NTU	<1	1	5	IS 3025/Part-10
5	Total Hardness as CaCO <sub>3</sub> , mg/L	129	200	600	IS 3025/Part-21
6	Calcium as Ca, mg/L	34.5	75	200	IS 3025/Part-40
7	Magnesium as Mg, mg/L	10.5	30	100	IS 3025/Part-46
8	Total Dissolved Solids, mg/L	520	500	2000	IS 3025/Part-16
9	Chloride as Cl, mg/L	83.6	250	1000	IS 3025/Part-32
10	Sulphate as SO <sub>4</sub> , mg/L	7.0	200	400	IS 3025/Part-24
11	Nitrate as NO <sub>3</sub> , mg/L	4.0	45	No Relaxation	IS 3025/Part-34
12	Iron as Fe, mg/L	0.23	0.3	1	IS 3025/Part-53
13	Fluoride as F, mg/L	0.45	1.0	1.5	IS 3025/Part-60
14	Zinc as Zn, mg/L	<0.1	5	15	IS 3025/Part-49
15	Chromium as Cr <sup>6+</sup>	<0.01	0.05	No Relaxation	IS 3025/Part-52
16	Copper as Cu, mg/L	<0.01	0.05	1.5	IS 3025/Part-42
17	Aluminium as Al, mg/L	<0.01	0.03	0.2	IS 3025/Part-55
18	Boron as B, mg/L	<0.1	0.5	1.0	IS 3025/Part-57
19	Manganese as Mn, mg/L	<0.1	0.1	0.3	IS 3025/Part-59
20	Total Alkalinity as CaCO <sub>3</sub> , mg/L	388	200	600	IS 3025/Part-23

### Microbiological Test

Tests	Results	Limits as Per IS 10500-2012	Protocol
Total Coliform/100ml	Absent	Not detectable	IS 1622

#### Remarks:

Chemical –Above tested sample meets to Permissible limits as per IS 10500: 2012, with respect to above parameters.

Microbiology–Tested Sample Conforms to IS 10500 with respect to the above parameter.

Tested by



J.N.Nalini  
Authorized Signatory

#### Note

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