



GENERAL ANALYTICAL LABORATORY

Estd.: 1977

ENVIRONMENTAL LABORATORY



Recognised by MOEF & CC Govt. of India, ISO 45001:2018

Address: 16, 17th Cross, 13th Main Road, Malleshwaram, Bengaluru - 560 055.

Off: 080 2334 0395, 080 2334 0396 | Email : lakkegowda@hotmail.com | Web site : www.generalanalyticallaboratory.com

TEST REPORT

Report No: GAL/TR/SRF/230605

Report Date: 10/06/2023

Name of the Customer	M/S. BGS National Public School
Address	Sy No 6615, Sahasra deepika Road, Sakalavara village Road, Bangalore-560083.
Sample Particulars	Water - Water from Purifier (RO)
Sample Condition	Good
Sample Received on	06/06/2023
Analysis Started Date	06/06/2023
Analysis Completed Date	10/06/2023
Sample ID	230605 / 2023-24

Description: Colourless, Odorless & Transparent Liquid.

Sl No	Parameters	Test Methods	Units	Results	IS 10500: 2012 Standard RA2018	
					Acceptable limit	Permissible Limit
1.	pH Value @25.0°C	IS :3025 (Part11) RA 2017	----	6.6	6.5-8.5	No relaxation
2.	Colour	IS :3025(Part 4) RA 2021	Hazen Unit	<5	5	15
3.	Odour	IS :3025(Part 5) RA 2018	----	Agreeable	Agreeable	Agreeable
4.	Conductivity	IS:3025(Part 14) RA 2019	µS/cm	37	----	----
5.	Turbidity	IS:3025(Part 10) RA 2022	NTU	<1.0	1	5
6.	Filterable Residue (Total Dissolved Solids)	IS:3025(Part 16) RA 2023	mg/L	25.0	500	2000
7.	Total Hardness as CaCO ₃	IS:3025(Part 21) RA 2019	mg/L	19.0	200	600
8.	Calcium as Ca	IS:3025(Part 40) RA 2019	mg/L	<5.0	75	200
9.	Magnesium as Mg	APHA, 23rd Edition 3500-MgB	mg/L	<5.0	30	100
10.	Chloride as Cl	IS:3025(Part 32) RA 2019	mg/L	7.5	250	1000
11.	Total Alkalinity as CaCO ₃	IS:3025(Part 23) RA 2019	mg/L	18.0	200	600
12.	Sulfates as SO ₄	IS:3025(Part 24) RA 2022	mg/L	<1.0	200	400
13.	Nitrate as NO ₃ ⁻	IS:3025(Part 34) RA 2019	mg/L	<1.0	45	No relaxation
14.	Iron as Fe	IS 3025 (Part 53) RA 2019	mg/L	<0.2	1.0	No relaxation
15.	Fluoride as F ⁻	APHA (23rd Edition 4500-F-D.)	mg/L	<0.1	1.0	1.5

Note: 1. BDL-Below Detection Limit


Inference: The above-given sample is tested for the above-specified chemical analysis only as per the customer's requirement


PRINCIPAL
 BGS National Public School
 BANNERGHATTA
 Survey No. 66/5, Sahasra Deepika Road,
 Sakalavara Village, Off. Bannerghatta Road,
 Bengaluru - 560 083

Page No. 1 of 1

Kavya D.R
Analyzed By

Verified By


Authorised Signatory

NOTE :

- The results refer only to the tested samples and applicable parameter.
- This report is not to be reproduced wholly or in a part and cannot be used as evidence in court of law without prior permission writing.
- Sample(s) are not drawn by us unless otherwise stated.
- Samples will be stored only for fifteen days from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
- Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction.
- Laboratory is not responsible for authenticity of photocopied test reports.
- Laboratory keeps a customer complaint log, in case there are any issues.



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Sample ID	230605 / 2023-24

Description: Colourless Odorless & Transparent Liquid.

Microbiology

Sl. No	Parameters	Test Methods	Units	Results	IS 10500: 2012 Standard RA2018	
					Acceptable limit	Permissible Limit
1.	Total Coliforms	IS 1622-1981 (Reaffirmed 2019)	MPN/100mL	Not detected	Not Detectable	

Inference: The above-given Sample is tested for the above-specified chemical analysis only as per the customer's requirement

Page No. 2 of 2

End of the Report

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