

**TEST REPORT**

REPORT NO : EMAL/WA 3459/2025

REPORT DATE :25-02-2025

**M/S. Shalom Residential Public School**  
**Shalom Nagar**  
**Kodathara Road**  
**Chittur**

SAMPLE REFERENCE ID : WA 3459

SAMPLE RECEIPT DATE : 21-02-2025

PERIOD OF ANALYSIS :21-02-2025 to 24- 02-2025

SAMPLE DRAWN BY : Customer

SAMPLE SOURCE : Filtered Water

**I. TEST RESULTS**

Sl. No	Parameter	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	pH	-	APHA 2023-4500H <sup>+</sup> B	6.5-8.5	6.7
2	Colour	CU	APHA 2023-2120B	5	BDL
3	Odor	-	IS:3025 (part5)	Agreeable	Agreeable
4	Turbidity	NTU	APHA 2023-2130B	1	BDL
5	Conductivity	µS/cm	APHA 2023- 2510B	-	65
6	Total Dissolved Solids	mg/L	APHA 2023-2540C	500	36
7	Total Hardness as CaCO <sub>3</sub>	mg/L	APHA 2023- 2340C	200	10
8	Total Alkalinity as CaCO <sub>3</sub>	mg/L	APHA 2023- 2320B	200	14
9	Calcium	mg/L	APHA 2023-3500-Ca B	75	4
10	Magnesium	mg/L	APHA 2023- 3500-Mg-B	30	BDL
11	Chloride	mg/L	APHA 2023-4500 Cl <sup>-</sup> B	250	12
12	Nitrate - NO <sub>3</sub>	mg/L	APHA 2023- 4500 NO <sub>3</sub> - B	45	BDL
13	Iron	mg/L	APHA 2023- 3500-Fe B	1	BDL
14	Sulphate	mg/L	APHA 2023-4500-SO <sub>4</sub> <sup>2-</sup>	200	BDL
15	Ammoniacal Nitrogen	mg/L	APHA 2023-4500NH <sub>3</sub> F	0.5	BDL
16	Total Coliform	CFU/100mL	APHA 2023-9222B	Shall not be detectable in any 100 ml sample	Absent
17	Faecal Coliform	CFU/100mL	APHA 2023- 9222D	Shall not be detectable in any 100 ml sample	Absent

**Inferences** All the tested water quality parameters are within the acceptable limit as per IS10500-2012 drinking water specifications.

Analyst *Soorya M*



*Rindhyade*  
Authorized Signatory

Disclaimer: a) The Test results listed refer only to the tested samples and application parameters. b) Total Liability of the lab is to invoiced amount only. c) The test report refers to the sample submitted to the lab and not drawn by EMAL unless mentioned otherwise. d) The test report is not to be reproduced wholly or in part without written permission of the laboratory.