ALPHA
LABS & TECHNOLOGIES
FOOD/WATER/SOIL/COSMETICS & OTHER PRODUCTS TESTING
An ISO 9001 Certified Laboratory

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TEST REPORT

REPORT NO:	ALT/26-2878/2026	REPORT DATE:	06.08.2026

Customer Name & Address	**M/s. GITHANJALI PUBLIC SCHOOL SENIOR SECONDARY, AFFILIATED TO CBSE DELHI VIDE NO: 1930632 SF:NO: 383/1, NEAR CODISSIA FAIR GROUNDS, PEELAMEDU, COIMBATORE – 641 004.**		
Sample Details	RO WATER		
Sample reference no:	ALT/AUG/26/WA-26-2878	Sample received on	04.08.2026
Analysis started on	04.08.2026	Analysis completed on	06.08.2026

RESULT OF THE ANALYSIS

S.NO	TEST PARAMETERS	UNIT	TEST PROTOCOL	RESULT	*LIMITS	
					Acceptable Limit	Permissible Limit
1.	Odour	-	IS 3025 (PART 5) : 1983	**Agreeable**	Agreeable	Agreeable
2.	Turbidity	NTU	APHA 24th Edition 2130B: 2023	**0.1**	Max 1	Max 5
3.	pH @ 25°C	-	APHA 24th Edition 4500 H+B: 2023	**7.15**	6.5 – 8.5	No Relaxation
4.	Conductivity @ 25°C	µmhos/ cm	APHA 24th Edition 2510B: 2023	**83**	-	-
5.	Total Dissolved Solids	mg/L	APHA 24th Edition 2540 C: 2023	**65**	Max 500	Max 2000
6.	Total Alkalinity as $CaCO_3$	mg/L	APHA 24th Edition 2320 B: 2023	**24**	Max 200	Max 600
7.	Total Hardness as $CaCO_3$	mg/L	APHA 24th Edition 2340 C: 2023	**10**	Max 200	Max 600
8.	Calcium Hardness as $CaCO_3$	mg/L	APHA 24th Edition 3500 Ca : 2023	**7**	-	-
9.	Magnesium Hardness as $CaCO_3$	mg/L	APHA 24th Edition - 3500 Mg B : 2023	**3**	-	-
10.	Calcium as Ca	mg/L	APHA 24th Edition - 3500 Ca B : 2023	**2.8**	Max 75	Max 200
11.	Magnesium as Mg	mg/L	APHA 24th Edition - 3500 Mg: 2023	**BDL [DL:1.0]**	Max 30	Max 100
12.	Chloride as Cl^-	mg/L	APHA 24th Edition 4500 Cl-B: 2023	**11.0**	Max 250	Max 1000
13.	Total Residual Chlorine as Cl_2	mg/L	APHA 24th Edition -4500 Cl(Residual)- B: 2023	**BDL [DL:0.1]**	-	-
14.	Sulphate as SO_4^{2-}	mg/L	APHA 24th Edition - 4500 SO4 E : 2023	**1.18**	Max 200	Max 400
15.	Total Iron as Fe	mg/L	APHA 24th Edition 3500 Fe B: 2023	**BDL [DL:0.05]**	Max 0.3	No Relaxation
16.	Nitrate as NO_3	mg/L	APHA 24th Edition -4500 NO3 -B: 2023	**5.72**	Max 45	No Relaxation
17.	Fluoride as F^-	mg/L	APHA 24th Edition -4500-F- B,D: 2023	**BDL [DL:0.1]**	Max 1	Max 1.5
18.	Reactive Silica	mg/L	IS 3025 (Part 35) 2024	**1.01**	-	-

BDL: Below Detected Limit; DL: Detectable Limit. *Requirements as per IS 10500:2012 DRINKING WATER -specification.

*** End of Report ***

Reviewed by
Senior chemist

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Approved by
Technical Manager
Authorized Signator

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