

ARTL Laboratory India Private Limited

ACCREDITED BY NABL (ISO/IEC 17025:2017)

An ISO 9001:2015 Certified Company

(GOVT. REGISTERED)



ISO Certificate No.: 22800551423QM

Registration No.: 269550

TEST REPORT

Test Report no: ARTL/25-26/W-D/438	Date of report issue: 12.03.2026
Customer Name: THE SUMMIT SCHOOL	
Customer Address: 118, R.N. Bhattacharjee Road, Kodalia, Kadamtala, Subhasgram, Kolkata-700146, South 24 PGS, W.B.	
Description of Sample: Water	Date of sample Receipt: 10.03.2026
Sample Mark: 2 nd Floor & 3 rd Floor Filter	Analysis Started on : 10.03.2026
Status of Sampling: Sample drawn by Sumanta Barik from ARTL Laboratory India Pvt. Ltd.	Analysis completed on : 12.03.2026

PHYSICAL TEST FINDINGS: 1. Appearance- Clear. 2. Color-Colorless. 3. Odour-Unobjectionable

Chemical Test Findings:-

Sl. No.	Test Parameters	Test Method	Unit	Result	Norms as per IS:10500-2012 2 nd Revision (R.A. 2018)	
					AL	PL
01.	Turbidity	APHA 24 th Edition 2130 B	NTU	<1	1.0	5.0
02.	pH Value	APHA 24 th Edition 4500 B	----	7.75	6.5-8.5	No Relaxation
03.	Total Dissolved Solids	IS 3025: (Part - 16)	mg/l	606	500	2000
04.	Alkalinity (as CaCO ₃)	APHA 24 th Edition 2320 B	mg/l	386	200	600
05.	Silica (as SiO ₂)	APHA 24 th Edition 4500 C	mg/l	4.94	----	---
06.	Iron (as Fe)	IS 3025: Part - 53	mg/l	<0.06	1.0	No Relaxation
07.	Calcium (as Ca)	APHA 24 th Edition 3500 B	mg/l	76.7	75	200
08.	Magnesium (as Mg)	APHA 24 th Edition 3500 B	mg/l	41.64	30	100
09.	Sulphate (as SO ₄)	APHA 24 th Edition 4500 E	mg/l	<4	200	400
10.	Chloride (as Cl)	APHA 24 th Edition 4500 B	mg/l	69.5	250	1000
11.	Nitrate (as NO ₃)	APHA 24 th Edition NO ₃ B	mg/l	1.98	45	No Relaxation
12.	Total Hardness (as CaCO ₃)	APHA 24 th Edition 2340 C	mg/l	363	200	600
	a) Temporary Hardness	-----	mg/l	363	----	----
	b) Permanent Hardness	-----	mg/l	Nil	----	----

Bacteriological Quality of Drinking Water

All Water intended for drinking

(Test Method :- IS:1622,1981, RA. 2019)

Sl. No.	Test Parameters	Requirements	Results
01.	E.Coli or thermo tolerant Coliform bacteria	Shall not be detectable in any 100 ml sample	Not detected
02.	Total Coliform bacteria	Shall not be detectable in any 100 ml sample	Not detected

Note: 1. AL - Acceptable Limit, 2. PL- Permissible Limit.

Remarks: Bacteriologically : Satisfactory for above mentioned Parameters.

Chemically : Satisfactory for above mentioned Parameters.

Shrimanta
Manager
The Summit School

Lipika Banerjee
Principal
The Summit School

Quality Manager
Authorized Signatory



Note:

- The contents of the report shall not be reproduced either in full or in part without prior written consent of the issuing authority.
- The results relate only to the items tested.

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12, MONDAL PARA 1ST LANE (2ND FLOOR), KOLKATA - 700 034

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Sample Mark: 1 st Floor & Ground Floor Filter	Analysis Started on : 10.03.2026
Status of Sampling: Sample drawn by Sumanta Barik from ARTL Laboratory India Pvt. Ltd.	Analysis completed on : 12.03.2026

PHYSICAL TEST FINDINGS: 1. Appearance- Clear. 2. Color-Colorless. 3. Odour-Unobjectionable

Chemical Test Findings:-

Sl. No.	Test Parameters	Test Method	Unit	Result	Norms as per IS:10500-2012 2 nd Revision (R.A. 2018)	
					AL	PL
01.	Turbidity	APHA 24 th Edition 2130 B	NTU	<1	1.0	5.0
02.	pH Value	APHA 24 th Edition 4500 B	----	7.68	6.5-8.5	No Relaxation
03.	Total Dissolved Solids	IS 3025: (Part - 16)	mg/l	618	500	2000
04.	Alkalinity (as CaCO ₃)	APHA 24 th Edition 2320 B	mg/l	410	200	600
05.	Silica (as SiO ₂)	APHA 24 th Edition 4500 C	mg/l	4.48	----	----
06.	Iron (as Fe)	IS 3025: Part - 53	mg/l	<0.06	1.0	No Relaxation
07.	Calcium (as Ca)	APHA 24 th Edition 3500 B	mg/l	83.23	75	200
08.	Magnesium (as Mg)	APHA 24 th Edition 3500 B	mg/l	38.66	30	100
09.	Sulphate (as SO ₄)	APHA 24 th Edition 4500 E	mg/l	<4	200	400
10.	Chloride (as Cl)	APHA 24 th Edition 4500 B	mg/l	69.48	250	1000
11.	Nitrate (as NO ₃)	APHA 24 th Edition NO ₃ ⁻ B	mg/l	2.04	45	No Relaxation
12.	Total Hardness (as CaCO ₃)	APHA 24 th Edition 2340 C	mg/l	367	200	600
	a) Temporary Hardness	-----	mg/l	367	----	----
	b) Permanent Hardness	-----	mg/l	Nil	----	----

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