



KERALA WATER AUTHORITY QUALITY CONTROL SUB DISTRICT LABORATORY

MANJERI, PONNANI, MALAPPURAM DT-679573

Phone: 0494-2081117, email: qcsdl.pni@gmail.com

TEST REPORT - I

ULR NO-PNI 100002407001539

Report No-KWA/QCSDL/PNI/R/17/25/303

Date: 12-02-2025

Customer Name & Address

SEED GLOBAL SCHOOL
AVANDITHARA, MARANCHERY
PURANGU (PO) MALAPPURAM
679584 (PIN)
8593990022

1. Sample Code

02/303

2. Date of Receipt

04-02-2025

3. Sampling Done by

Party

4. Sample

Drinking Water

5. Source of Sample

FILTERED WATER

6. Sample Quantity

1L

7. Sample Performance from: 04/02/25 to 12/02/2025

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	RESULTS
1	Colour	CU	Visual comparison method IS 3025(part 4)-1983	5	15	1CU
2	Odour		IS 3025(part 5)-2018	Agreeable	Agreeable	Agreeable
3	Turbidity	NTU	Nephelometric method IS 3025(part 10)-2022	1	5	0.08
4	pH at 25°C		Electrometric method IS 3025(part 11)-2023	6.5 - 8.5	No relaxation	8.03
5	Electrical Conductivity at 25°C	micro mhos/cm	IS 3025(part 14)-2013			27.42
6	Total Dissolved Solids (TDS)@180°C	mg/litre	Gravimetric Method IS 3025(part 16)-1984	500	2000	15.1
7	Acidity	mg/litre	IS 3025(part 22)-1986 (Titrimetric Method)			4
8	Alkalinity	mg/litre	Titrimetric method IS 3025(part 23)-1986	200	600	8
9	Total Hardness (as CaCO ₃)	mg/litre	EDTA titrimetric method IS 3025(part 21)-2009	200	600	10
10	Calcium (as Ca ²⁺)	mg/litre	EDTA titrimetric method IS 3025(part 40)-1991	75	200	0.8
11	Magnesium (as Mg ²⁺)	mg/litre	Volumetric method using EDTA	30	100	1.94
12	Chloride (as Cl ⁻)	mg/litre	Argentometric Titration method IS 3025(part 32)-	250	1000	16
13	Sulphate	mg/litre	IS 3025(part 24)-1984 (APHA23rd Turbidimetric	200	400	NIL
14	Flouride (as F ⁻)	mg/litre	IS 3025(part 60)-2008	1	1.5	ND
15	Iron (as Fe ²⁺)	mg/litre	IS 3025(part 53)-2003	1	No relaxation	0.04
16	Nitrate (as NO ₃ ⁻)	mg/litre	APHA23rd Edition (UV Screening method)	45	No relaxation	<5
17	Residual Chlorine	mg/litre	IS 3025(part 26)-1986	0.2	0.5	NIL

NB:- The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

We are retaining sample for 5 days after the preparation of test report.

ND:- Not Detected

Reviewed by:

End of Report

Authorized by Chemist

QUALITY MANAGER
QCSDL MANJERI
KERALA WATER AUTHORITY
PONNANI, MALAPPURAM DT.

KWA/QCSDL/PNI/F/04

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QUALITY CONTROL SUB DISTRICT LABORATORY

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TEST REPORT - II

ULR NO-PNI 100002407001539

Report No-KWA/QCSDL/PNI/R/17/25/303

Customer Name & Address	1. Sample Code	Date:	12-02-2025
SEED GLOBAL SCHOOL AVANDITHARA, MARANCHERY PURANGU (PO) MALAPPURAM 679584 (PIN) 8593990022	2. Date of Receipt	02/303	
	3. Sampling Done by	04-02-25	
	4. Sample	Party	
	5. Source of Sample	Drinking Water	
	6. Sample Quantity	FILTERD WATER	
	7. Sample Performance from:	100mL	
	04/02/25 to 12/02/2025		

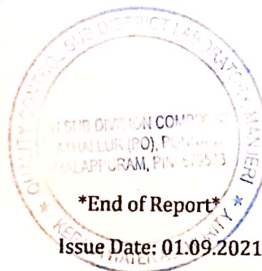
Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	RESULTS
1	Total Coliforms	CFU/100ml	IS 15185 : 2016 ISO 9308-1:2014	Shall not be detected/100ml	No relaxation	NIL
2	E-Coli	CFU/100ml	IS 15185 : 2016 ISO 9308-1:2014	Shall not be detected/100ml	No relaxation	ABSENT

NB:- The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

TNTC- Too Numerous To Count

Tested By

Authorized by:



KWA/QCDL/MPM/R/01 ISSUE No. 01

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Rev.Date: 00

