



KERALA WATER AUTHORITY QUALITY CONTROL SUB DISTRICT LABORATORY

PERINTHALMANNA, KUNNAPPALLY, MALAPPURAM DT-679322.

Telephone No: 0493-3223430, email: qcsdl.pmna@gmail.com



TC-10852

TEST REPORT

ULR NO-TC108522400001320E

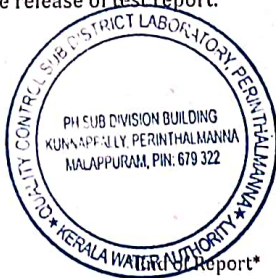
Report No - KWA/MPM/PMN/24/1337		Date : 06-06-2024
Customer Name & Address DARUL HIKAM RESIDENTIAL SCHOOL, CODE : 42375 MELATTUR CHEMMANIYODU (PO) MALAPPURAM PIN - 679325	1. Sample Code	B6/1337
	2. Date of Receipt	04.06.2024
	3. Sampling Done By	Party
	4. Sample	Drinking water
	5. Source of Sample	Open Well
	6. Sample Quantity	4 L
	7. Sample Performance from:	04.06.2024 to 06.06.2024

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results
1	Taste		IS 3025(part 8) - 2022	Agreeable	Agreeable	Agreeable
2	Colour	CU	Visual comparison method IS 3025(part 4)-2021	5	15	1
3	Odour		IS 3025(part 5)-2018	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	Nephelometric method IS 3025(part 10)-2023	1	5	14.14
5	pH at 25°C		Electrometric method IS 3025(part 11)-2022	6.5 - 8.5	No relaxation	5.730
6	Alkalinity	mg/litre	Titrimetric method IS 3025(part 23)-2019	200	600	14.00
7	Total Dissolved Solids (TDS)@180°C	mg/litre	Gravimetric Method IS 3025(part 16)-2023	500	2000	39.00
8	Total Hardness (as CaCO ₃)	mg/litre	EDTA titrimetric method IS 3025(part 21)-2019	200	600	30.00
9	Calcium (as Ca ²⁺)	mg/litre	EDTA titrimetric method IS 3025(part 40)-2019	75	200	8.81
10	Magnesium (as Mg ²⁺)	mg/litre	Volumetric method using EDTA IS 3025(part 46)-2019	30	100	1.94
11	Chloride (as Cl ⁻)	mg/litre	Argentometric Titration method IS 3025(part 32)- 2019	250	1000	5.99

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 15 days after the release of test report.

Reviewed by:



ABINA KP
DEPUTY QUALITY MANAGER
QCSDL PERINTHALMANNA
KERALA WATER AUTHORITY
KUNNAPPALLY (PO), MALAPPURAM DT.

KWA/MPM/PMN/F/04

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	7. Sample Performance from: 04.06.2024 to 06.06.2024	

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500:2012	Permissible Limit as per IS 10500:2012	Results
1	Electrical Conductivity at 25°C	micro mhos/cm	IS 3025(part 14)-2013			59.69
2	Acidity	mg/litre	IS 3025(part 22)-1986 (Titrimetric Method)			12.00
3	Sulphate	mg/litre	IS 3025(part 24)-1984 (APHA23rd Turbidimetric method)	200	400	4.00
4	Flouride (as F-)	mg/litre	IS 3025(part 60)-2008	1	1.5	Not Detected
5	Iron (as Fe2+)	mg/litre	IS 3025(part 53)-2003	1	No relaxation	0.25
6	Nitrate (as NO3-)	mg/litre	APHA23rd Edition (UV Screening method)	45	No relaxation	7.00
7	Residual Chlorine	mg/litre	IS 3025(part 26)-1986	0.2	0.5	NIL
8	Ammonia	mg/litre	IS 3025(part 34)-1988	0.5	No relaxation	0.2

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ND - Not Detected

Reviewed by:

[Handwritten Signature]



[Handwritten Signature]
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 DEPUTY QUALITY MANAGER
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Report No - KWA/MPM/PMN/24/1337

Date : 06-06-2024

Customer Name & Address

1. Sample Code

B6/1337

DARUL HIKAM RESIDENTIAL

2. Date of Receipt

04.06.2024

SCHOOL , CODE : 42375

3. Sampling Done By

Party

MELATTUR

4. Sample

Drinking water

CHEMMANIYODU (PO)

5. Source of Sample

Open Well

MALAPPURAM

6. Sample Quantity

100 ml

PIN - 679325

7. Sample Performance from: 04.06.2024 to 06.06.2024

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-I:2014	Shall not be detected/100ml	No relaxation	TNTC
2	E-Coli	CFU/100ml	IS 15185 : 2016 ISO 9308-I:2014	Shall not be detected/100ml	No relaxation	100

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TNTC- Too Numerous To Count




Tested By