



**KERALA WATER AUTHORITY**  
Quality Control District Laboratory, Kottakkunnu, Malappuram.

**Water Analysis Report**

Date: 20.05.2023

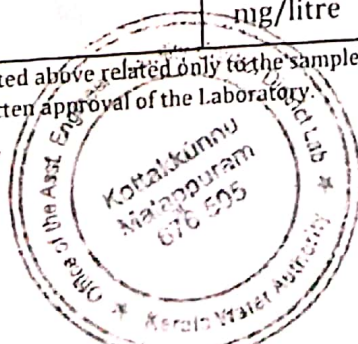
Report No-KWA/QCDL/MPM/WAR/22-23/2527C

Customer Name & Address <b>MES Central School Valanchery Valanchery(PO)</b>	1. Sample Code	22-23/2527
	2. Date of Receipt	20.05.2023
	3. Sampling Done by	HI, Valanchery Municipality
	4. Source of Sample	Open Well
	5. Sample Quantity	1 L
	6. Sample Performance from:	20.05.2023 to 20.05.2023

Sl. No	Characteristics	Unit	Test Method	Available Limit as per IS 10500:2012	Results
1	Colour	Pt.Co. Units	IS 3025(part 4)-1983 (Reaffirmed 2017)	5	Clear
2	Odour		IS 3025(part 5)-2018 (Reaffirmed 2017)	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025(part 10)-1984 (Reaffirmed 2017)	5	1.2
4	pH		IS 3025(part 11)-1983 (Reaffirmed 2017)	6.5 - 8.5	6.24
5	Electrical Conductivity at 25°C	micro mhos/cm	IS 3025(part 14)-2013 (Reaffirmed 2019)		94.0
6	Alkalinity	mg/litre	IS 3025(part 23)-1986 (Reaffirmed 2019)	200	57.71
7	Sulphate	mg/litre	IS 3025(part 24)-1984 (Reaffirmed 2019)	200	BDL
8	Total Dissolved Solids (TDS)	mg/litre	IS 3025(part 16)-1984 (Reaffirmed 2017)	500	53.58
9	Total Hardness (as CaCO <sub>3</sub> )	mg/litre	IS 3025(part 21)-2009 (Reaffirmed 2019)	200	63.93
10	Calcium (as Ca <sup>2+</sup> )	mg/litre	IS 3025(part 40)-1991 (Reaffirmed 2019)	75	19.24
11	Magnesium (as Mg <sup>2+</sup> )	mg/litre	IS 3025(part 46)-1994 (Reaffirmed 2019)	30	3.89
12	Chloride (as Cl <sup>-</sup> )	mg/litre	IS 3025(part 32)-1988 (Reaffirmed 2019)	250	15.96
13	Flouride (as F <sup>-</sup> )	mg/litre	IS 3025(part 01)-1984 (Reaffirmed 2017)	1.5	BDL
14	Iron (as Fe <sup>2+</sup> )	mg/litre	IS 3025(part 01)-1984 (Reaffirmed 2017)	1	0.86
15	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	mg/litre	IS 3025(part 34)-1988 (Reaffirmed 2019)	45	2.01
16	Residual Chlorine	mg/litre	IS 3025(part 26)-1986 (Reaffirmed 2019)	0.2	NIL
17	Ammonia	mg/litre	IS 3025(part 34)-1988 (Reaffirmed 2019)	0.5	BDL

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.

Tested by *[Signature]*



\*End of Report\*

Authorized By *[Signature]*  
Sanitary Chemist  
Quality Control District Lab  
Kerala Water Authority  
Kottakkunnu, Malappuram