



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY**  
**KIZHAKKUMPATTUKARA, THRISSUR**  
 Telephone No - 0487-2338380, E-mail - kwa.qc.tsr@gmail.com

**Test Report**

**Test Report. No -KWA/QCDL/TSR/0697/2022 Report Date: 17.02.2022**

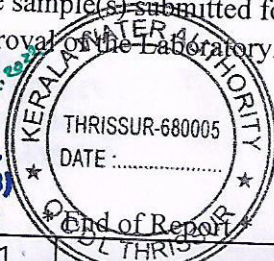
Customer Name & Address			1. Date of Receipt : 10.02.2022		
AL-bab Central School, Kattoor, Mob: 9645220691			2. Sampling done by : The Customer		
			3. UID No. of Sample: KWA/QCDL/TSR/S-00/2022		
			4. Source of Sample : Openwell		
			5. Sample Quantity : 2 litre		
			6. Test Performing Dates		
			From : 11.02.2022 To : 11.02.2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	HU	IS 3025 (part 4-1983 (R. 2017)	5	5
2	Odour		IS 3025 (part 5-2018)		Agreeable
3	Turbidity	(NTU)	IS 3025 (part 10) - 1984 (R. 2017)	1	0.60
4	pH at 25°C		IS 3025 (part 11) - 1983 (R. 2017)	6.5 to 8.5	7.10
5	Electrical Conductivity at 25°C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (R. 2019)		59.00
6	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019)		1.92
7	Total Alkalinity (as CaCO <sub>3</sub> )	(mg/litre)	IS 3025 (part 23) - 1986 (R. 2019)	200	39.56
8	Sulphate (as SO <sub>4</sub> )	(mg/litre)	APHA 4500 ( SO <sub>4</sub> <sup>2-</sup> E)	200	0.41
9	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16) - 1984 (R. 2017)	500	32.45
10	Total Hardness (as Ca CO <sub>3</sub> )	(mg/litre)	IS 3025 (part 21) - 2009 (R. 2019)	200	12.00
11	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (R. 2019)	75	4.00
12	Magnesium (as Mg)	(mg/litre)	APHA 3500 - Mg B.	30	0.48
13	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (R. 2019)	250	11.73
14	Fluoride (as F)	(mg/litre)	APHA 4500 - F <sup>-</sup> D.	1.0	0.07
15	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (R. 2014)	1.0	0.30
16	Nitrate (as NO <sub>3</sub> )	(mg/litre)	APHA 4500 - NO <sub>3</sub> B.	45	3.00
17	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2019)	0.2	Nil

**Remarks:-**

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.

Analyzed by:

**PRINCIPAL**  
**ALBAB CENTRAL SCHOOL**  
**(Affiliated to CBSE. No.930673)**  
**Kattoor, Kerala, Pin-680 702**



**CHEMIST**  
 Authorized by SUB DIVISION  
 K.W.A., THRISSUR



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Customer Name & Address			1. Date of Receipt : 10.02.2022	
AL-bab Central School, Kattoor, Mob: 9645220691			2. Sampling done by : The Customer	
			3. UID Number :KWA/QCDL/TSR/S-000697/2022	
			4. Source of Sample : Openwell	
			5. Sample Quantity : 100ml	
			6. Test Performing Dates	
			From : 10.02.2022 To : 11.02.2022	
Sl. No.	Parameters	Acceptable limits as per IS 10500-2012	Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	82
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	Absent

**Remarks:-**

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Analyzed by:



Quality Manager,  
Quality Control District Laboratory  
Authorized By  
Kerala Water Authority  
Thrissur - 680 005

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