

APPROVAL NO: PCB/LAB/C02/2024

Name & Address	IQRAH EMHS CHERIYAPARAPUR
Source of Sample	OPEN WELL
Code of Sample	253
Date of Collection	07/05/2026
Date of Testing	08/05/2025

WATER ANALYSIS REPORT

SL.NO	CHARECTERISTICS	UNITS	METHODS	RESULT	DESIRABLE LIMITS	PERMISSABLE LIMITS
1	TURBIDITY	NTU	IS 10500/PART10	0.5	1	5
2	COLOUR	Hazen	IS 10500/PART4	1	5	-
3	ODOUR		IS 10500/PART5	AGREEABLE	-	-
4	PH VALUE		IS 10500/PART11	6.88	6.50 - 8.50	6.50 - 8.50
5	ELECTRICAL CONDUCTIVITY	us/cm		0.4	-	-
6	TOTAL DISSOLVED SOLIDS (TDS)	Mg/litre	IS 10500/PART16	228	500	2000
7	ACIDITY	Mg/litre	IS 10500/PART22	10	-	-
8	ALKALINITY (TOTAL)	Mg/litre	IS 10500/PART23	30	200	600
9	TOTAL HARDNESS (AS CaCO ₃)	Mg/litre	IS 10500/PART21	50	200	600
10	CALCIUM	Mg/litre	IS 10500/PART40	30	75	200
11	MAGNESIUM	Mg/litre	IS 10500/PART46	4.86	30	30
12	CHLORIDES	Mg/litre	IS 10500/PART32	55	250	1000
13	IRON	Mg/litre	IS 10500/PART53	0.019	0.30	1.00
14	NITRATE	Mg/litre	IS 10500/PART34	0.027	45	-
15	SULPHATE	Mg/litre	IS10500/ PART24	3.056	200	400
16	FLUORIDE	Mg/litre	IS 10500/PART60	BDL	1	1.5
17	AMMONIA	Mg/litre	IS 10500/PART34	0.017	0.5	-
18	TOTAL COLIFORM	MPN/100 ml	IS 1622	7	0	ABSENT/100ML
19	E-COLI	NO OF COLONIES/ 100ML	IS 1622	ABSENT	ABSENT/100ML	ABSENT/100ML

Remarks: All tested chemical parameters of the given sample are within desirable limits as per standards.

E. coli are absent and coliforms are present.

BDL: below detectable limit.



MICROBIOLOGIST



CHEMIST

ISO 9001:2015 AND ISO 14001: 2015
 (ENVIRONMENTAL MANAGEMENT SYSTEM) CERTIFIED

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