

KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
MALAPPURAM
Report on Analysis of WATER

Test Report No : 132/20-21

Date : 18 Feb 2021

Name	: HM-65: Mubarak School
Address	: Manjeri
Ref	: 0599965:850/-
Date of Collection	: 12 Feb 2021
Date of Testing	: 12 Feb 2021

SL. No	Characteristics	Units	Desirable limits As per	Permissible limits	Actual Contents
					Sampling Points
					1
1	Odour		Agreeable	Agreeable	AGREEABLE
2	Turbidity	NTU	1	5	1.0
3	pH		6.5-8.5	No relaxation	6.78
4	Electrical Conductivity	µs/cm			113.5
5	Temperature				-
6	Acidity	mg/litre			6
7	Alkalinity	mg/litre	200	600	34
8	Sulphate (as SO ₄)	mg/litre	200	400	BDL
9	Total Dissolved Solids(TDS)	mg/litre	500	2000	76.04
10	Total Hardness as (CaCO ₃)	mg/litre	200	600	40
11	Calcium (Ca)	mg/litre	75	200	9.62
12	Magnesium (Mg)	mg/litre	30	100	3.89
13	Chloride as (Cl)	mg/litre	250	1000	20
14	Fluoride as (F)	mg/litre	1	1.5	BDL
15	Iron (as Fe)	mg/litre	0.3	No relaxation	0.21
16	Nitrate (as NO ₃)	mg/litre	45	No relaxation	0.86
17	Residual Chlorine (Rc)	mg/litre	0.2	1	-
18	Ammonia				BDL
19	Appearance				CLEAR

Sampling Points

- 1 Open well – Unsealed Sample brought by party

Remarks:

All above tested parameters are within the desirable limit.

Signature of Chemist

BACTERIOLOGICAL ANALYSIS

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SL. No	Source	CFU of coliforms in 100ml	CFU of E.Coli
1	Open well - Unsealed Sample brought by party	NIL	ABSENT


Signature of Bacteriologist

Remarks:

All above tested parameters are within the desirable limit.


Signature of Asst. Engineer

