

WATER QUALITY MONITORING LABORATORY, KHAMMAM

Physical and chemical examination of Drinkingwater

Mandal: Khammam

Habitation: Khammam

Location: Blooming Minds Central School & Jr.College

Source: Bore well

Date : 27.03.2024

S.NO	Description	Units	Acceptable Limit	Permissible Limit in the absence of alternate source	RESULT
1	2	3	4	5	6
1	Turbidity	NTU	0	5	0.0
2	PH Ranges	—	6.5	8.5	7.72
3	Electrical conductivity	u mhos /cm	-	2500	638
4	Total solids	Milligram/litre	500	2000	415
5	Fluoride(as F)	Milligram/litre	1.0	1.5	1.24
6	Nitrate	Milligram/litre	0	45	2.8
7	Sulphate	Milligram/litre	200	400	16
8	Total Hardness	Milligram/litre	300	600	200
9	Calcium	Milligram/litre	75	200	108
10	Chlorides	Milligram/litre	250	1000	122
11	Alkalinity	Milligram/litre	-	600	184
12	Iron(as Fe)	Milligram/litre	0.3	1.0	0.130

Note:-This is to Certify that the above given sources are Chemically Satisfactory for human Consumption. All parameters are within the permissible limit. It is fit for drinking.

Bacteriological Analysis Report

S.NO	Description	Acceptable Limit	Result
1	MPN	10	Nil

Note:- The above water sample is Bacteriologically suitable for Drinking.

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