

**WATER QUALITY MONITORING LABORATORY, KHAMMAM**  
Physical and chemical examination of Drinkingwater

Mandal: Khammam  
Habitation: Khammam  
Location: Delhi Public School, Khammam  
Source: Bore well  
Date : 26.06.2024

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	0.1
2	PH Ranges	-	6.5	8.5	7.54
3	Electrical conductivity	u mhos /cm	-	2500	722
4	Total solids	Milligram/litre	500	2000	469
5	Fluoride(as F)	Milligram/litre	1.0	1.5	0.72
6	Nitrate	Milligram/litre	0	45	3.4
7	Sulphate	Milligram/litre	200	400	20
8	Total Hardness	Milligram/litre	300	600	216
9	Calcium	Milligram/litre	75	200	116
10	Chlorides	Milligram/litre	250	1000	147
11	Alkalinity	Milligram/litre	-	600	200
12	Iron(as Fe)	Milligram/litre	0.3	1.0	0.12

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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