

NABL
DISTRICT WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPARTMENT MORENA

ANALYSIS REPORT

CUSTOMER NAME :- प्राचार्य केन्द्रीय विद्यालय अम्बाह जिला कुर्ना म०५०

S. No.	Block	Panchayat	Village Name	Location	Sample Qty	Sample Packing	Source
1	अम्बाह	केन्द्रीय विद्यालय अम्बाह	रवपुरी रोड अम्बाह		02 Ltr.	Acceptable / Not acceptable	Bore
2						Acceptable / Not acceptable	
3						Acceptable / Not acceptable	
4						Acceptable / Not acceptable	
5						Acceptable / Not acceptable	

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt :- 10/06/2026

Time of Receipt :- 11:40 AM

Date of Analysis Started :- 10/06/2026

Date of Analysis Completed :- 11/06/2026

UID/Sample No. :- P-1155

NATURE OF STUDY - CHEMICAL ANALYSIS

No	Characteristics	Test Method	Unit	AS Per BIS - 10500:2012 & Amendment sep.2018 for Drinking water		Results				
				Requirement (Desirable limit)	Permissible limit in the absence of Alternate source	1	2	3	4	5
1	Taste	IS 3025 RA 2017	Part 8	-	Objectionable	Un Objectionable	U.O.			
2	Odour	IS 3025 RA 2018	Part 5	-	Agreeable	Un Agreeable	Agreeable			
3	Colour in	IS 3025 RA 2019	Part 26	Hazen scale	5	15	0.0			
4	Iron (Fe)	-	-	Mg/l	0.3	1.0	0.0			
5	Nitrate (No ₃)	-	-	Mg/l	45.0	45.0	0.18			
6	Arsenic (As)	-	-	Mg/l	0.01	0.05	-			
7	Fluoride (F)	-	-	Mg/l	1.0	1.5	0.0			
8	Chloride as Cl	IS 3025 RA 2019	Part 32	Mg/l	250	1000	29.94			
9	TDS By Meter	APHA 23 rd 2510 B	Edition	Mg/l	500	2000	232			
10	Total Alkalinity as Na ₂ CO ₃	IS 3025 RA 2019	Part 23	Mg/l	200	600	440			
11	Total Hardness as CaCO ₃	IS 3025 RA 2019	Part 21	Mg/l	200	600	302			
12	Calcium Hardness	-	-	Mg/l	-	-	230			
13	Magnesium Hardness	-	-	Mg/l	-	-	72			
14	Calcium as Ca	IS 3025 RA 2019	Part 40	Mg/l	75	200	92.0			
15	Magnesium as Mg	IS 3025 RA 2019	Part 46	Mg/l	30	100	17.28			
16	Residual Chlorine	IS 3025 RA 2019	Part 26	Mg/l	0.2	1.0	0.0			
17	Sulphate	-	-	Mg/l	200	400	16.23			
18	Manganese	-	-	Mg/l	0.1	0.3	0.0			
19	pH	APHA 23 rd 4500-H + B	Edition	pH scale	6.5 to 8.5	6.5 to 8.5	7.42			
20	Turbidity in	APHA 23 rd 2130 B	Edition	NTU	1.0	5.0	0.0			
21	Faecal Coliform (TTC) E.Coli	-	-	-	-	-	0.0			
22	Total Coliform (per 100 ml)	-	-	-	-	-	-			
23	Conductivity at 25°C	APHA 23 rd 2510 B	Edition	Micromhos /cm	-	-	554			

Remark :- उक्त जल नमूना BIS-10500 के अनुसार अपनी निर्धारित सीमा में पाया गया है।


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Public Health Engineering Department
District Water Testing Laboratory
Morena (M.P.)


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Public Health Engineering Department
Sub-division Morena (M.P.)