

SUB DN LABORATORY.....

Public Health Engineering SUB Division... *Obedullaganj*

Test Report

Nature of sample:- Drinking Water Sample / Other		Not Sampled by S.D. Lab		Unique Identification No.	
Sander's Name & Address		Sander's Letter No.		Sander's Letter date	
		S.D. Lab Ref. No.		S.D. Lab Receipt date	
		Date of analysis <i>30/06/2023</i>		Date of analysis <i>30/06/2023</i>	
		Quantity of sample OK			

Sample Details

No.	Block	Gram Panchayat	Village	Habitation	Location
1	<i>Mandideep</i>				
2					<i>Mandideep School (CLRR)</i>
3					<i>CLRR Intellectual International</i>
4					<i>School, Dahod Road, Mandideep</i>
5					<i>(Raisen)</i>
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Details of parameters, their test methods, units and specification as per BIS

No.	Characteristics	Test method BIS edition 3025		Unit	As per BIS-10500:2012 For Drinking Water Reaffirmed in June 2015	
		3	4		Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source
1	2	3	4	5	6	7
1	Iron Fe	BIS edition	3025	Mg/l	1	1
2	Nitrate as NO3	BIS edition	3025	Mg/l	45	45
3	Fluoride as F	BIS edition	3025	Mg/l	1	1.5
4	Chloride as Cl	BIS edition	3025	Mg/l	250	1000
5	Total Alkalinity as CaCO3	BIS edition	3025	Mg/l	200	600
6	Calcium	BIS edition	3025	Mg/l	75	200
7	Magnesium	BIS edition	3025	Mg/l	30	100
8	Sulphate AS So4	BIS edition	3025	Mg/l	200	400
9	Manganese as Mn	By Kit	.....	Mg/l	0.1	0.3
10	pH	By Meter	.....	PH Scale	6.5 to 8.5	6.5 to 8.5
11	Turbidity	By Meter	.....	NTU	1	5
12	Total hardness as CaCO3	BIS edition	3025	Mg/l	200	600
13	Conductivity	By Meter	.....	micromhos/cm	---	---
14	TDS	By Meter	.....	Mg/l	500	2000
15	Faecal Coliform (TTC)	BIS edition	3025	per 100 ml	NIL	
16	Total Coliform	BIS edition	3025	per 100 ml	NIL for treated water and water in distribution	
17	Arsenic	By Kit	.....	Mg/l	0.01	0.01

This report should not be produced partly or full without approval of signatory authority for legal purposes. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable. Still may be tolerated in the alternative source, but up to limits indicated under the "permissible limit in the absence source" in column 6, above which the results will have to be rejected.

Results refer only to tested samples and parameters tested. Samples will be stored for a period of 15 days from the date of issue of report. (For test from S.No. 1 to 14) The laboratory does not hold any responsibility for results for samples kept for long time for want of clarification. Marked with an not accredited by NABL.

(Signature)
MANAGER
CLRR INTELLECTUAL INTERNATIONAL SCHOOL
MANDIDEEP, DISTT. RAISEN (M.P.)

(Signature)
CHEMIST
Sub Division Laboratory
PHE Sub Division, Obedullaganj, Raisen

DISTRICT

Raisen (Obedulaganj)

Date:

S.D. Lab Ref No.

Date

20/06/2023

Unique Identification No.

Parameters/Units	Sample Number																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Iron in Mg/l	0.12																			
Nitrate in Mg/l	12																			
Fluoride in Mg/l	0.15																			
Chloride in Mg/l	20																			
Alkalinity in Mg/l	-																			
Calcium in Mg/l	-																			
Magnesium in Mg/l	-																			
Sulphate in Mg/l	104																			
Manganese as mg/l	-																			
pH on pH scale	7.18																			
Turbidity in NTU	2.0																			
hardness in Mg/l	100																			
Conductivity micro / cm	-																			
TDS by meter	224																			
Faecal Coliform (TTC)	0																			
Coliform per 100 ml	0																			
Arsenic	0.00																			

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2. It is recommended that acceptable limit is to be implemented. Values in excess in excess of those mentioned under "acceptable" render the water not suitable. But still may be tolerated in the alternative source but up to the limits indicated under the "permissible limit in the absence of alternate source" in column 6, above which the sources will have to be rejected.
3. The results refer only to tested samples and parameters tested.
4. Samples will be stored for a period of 15 days from the date of issue of report. (For test from s.No. 1 to 14)
5. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
6. The tests marked with an not accredited by NABL.

Remarks:-

The sample is safe for drinking purpose for
12 parameters

PRINCIPAL
CLRR INTELLECTUAL
INTERNATIONAL SCHOOL
Mandideep, Distt. Raisen (M.P.)

MANAGER

CLRR INTELLECTUAL
INTERNATIONAL SCHOOL
Mandideep, Distt. Raisen (M.P.)

CHIMIST

PHED. Obedulaganj

CHIMIST

SIGNATORY AUTHORITY

Sub Divisional Laboratory

PHE Sub Division, Obedulaganj, Raisen