

Office of The Assistant Engineer
Public Health Engineering Sub Division, Dewas

No. 1683 /Lab/A.E./PHE/Sub Div./2024

Dewas ,

Dated 31/12/2024

CERTIFICATE

This is to Certify that as per water testing report of District Water Testing Laboratory, P.H.E. Sub Division Dewas. The water quality of drinking water in The The R-9 International School, Near Apna Rasoi Durgapura A.B. Road Dewas District Dewas is under limit as per BIS 10500:2012. At present the school has safe drinking water facilities for the students and staff members.

The certificate is issue as requirement of school. The school will be also responsible if any discrepancies found thereafter.

SIGNATURE WITH SEAL

NAME: Vijay Singh Rawat

DESIGNATION: Assistant Engineer

P.H.E.Sub Division Dewas

To,

The R-9 International School,
Near Apna Rasoi Durgapura
A.B. Road Dewas M.P.

Vijay Singh Rawat
31/12/24
Assistant Engineer,
P.H.E. Sub-Dn., DEWAS


NATURE OF STUDY - PHYSICAL, CHEMICAL & BACTERIOLOGICAL ANALYSIS


S.No.	Characteristics	Unit	AS Per BIS - 10500:2012 for		Results										
			Requirement (Desirable)	Permissible limit in the absence of Alternate source	1	2	3	4	5	6	7	8	9	10	
PHYSICAL TESTS															
1	Temperature	°C			27.5	-	-	-	-	-	-	-	-	-	-
2	Turbidity	NTU	1	5-0	0.2	-	-	-	-	-	-	-	-	-	-
3	Colour	Hazen Unit	5	15	0	-	-	-	-	-	-	-	-	-	-
4	Odour		Agreeable	Agreeable	Agreeable	-	-	-	-	-	-	-	-	-	-
CHEMICAL TESTS															
5	pH	pH Scale	6.5 to 8.5	No Relaxation	6.72	-	-	-	-	-	-	-	-	-	-
6	Total Hardness as CaCO ₃	Mg/l	200	600	87	-	-	-	-	-	-	-	-	-	-
7	Calcium as Ca	Mg/l	75	200	20.4	-	-	-	-	-	-	-	-	-	-
8	Magnesium as Mg	Mg/l	30	100	8.73	-	-	-	-	-	-	-	-	-	-
9	Total Alkalinity as CaCO ₃	Mg/l	200	600	32.5	-	-	-	-	-	-	-	-	-	-
10	Chloride as Cl	Mg/l	250	1000	54.3	-	-	-	-	-	-	-	-	-	-
11	Nitrate as NO ₃	Mg/l	45	45	2.2	-	-	-	-	-	-	-	-	-	-
12	Total Dissolved Solids	Mg/l	500	2000	134.5	-	-	-	-	-	-	-	-	-	-
13	Iron	Mg/l	1	1	0.01	-	-	-	-	-	-	-	-	-	-
14	Sulphate as SO ₄	Mg/l	200	400	5.4	-	-	-	-	-	-	-	-	-	-
15	Fluoride as F	Mg/l	1	1.5	0.55	-	-	-	-	-	-	-	-	-	-
16*	Manganese as Mn	Mg/l	0.1	0.3	0.00	-	-	-	-	-	-	-	-	-	-
17*	Residual Chlorine Cl ₂	Mg/l	0.2	1	-	-	-	-	-	-	-	-	-	-	-
BACTERIOLOGICAL TESTS															
18*	Coli form per 100 ml	Per 100 ml	Nil for treated water and water in distribution system		-	-	-	-	-	-	-	-	-	-	-
19*	Faecal Coli form [TTC]	Per 100	Nil		-	-	-	-	-	-	-	-	-	-	-


Note :-

1. This report should not be produced partly of full without approval of signatory authority for legal purposes.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" above which the sources will have to be rejected.
3. The results refer only to tested samples and parameters tested.
4. Sample will be stored for a period of 5 days from the date of issue of report.
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.

-End of Report-


Signature of Analyst
DWTL Dewas
P.H.E. Division Dewas


Quality Manager
DWTL Dewas
P.H.E. Division Dewas


Lab In Charge
Assistant Engineer
P.H.E. Division Dewas