



OFFICE OF THE SENIOR CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT LABORATORY, ALWAR

Lab/Tech/(Private)/2023-24/ 819

Dated: 29/01/2024

EXAMINATION REPORT OF THE PRIVATE WATER SAMPLES

Issued To,

MITRC
6, Mile Stone Tijara Road
Alwar

District: Alwar
Block/City: Alwar

Ref_ID : 177		Lab Sample No. : 177		
Reference : Your Letter No. : 0		Source : TW		
Reference Dated : 23.01.24		Source Location : 6, Mile Stone Tijara Road		
Date of Receipt : 23.01.24		Habitation/Ward No. : Alwar		
Name of Sample Taker : Mr. Raju		Village/Colony/Town : Alwar		
Desig. of Sample Taker : 0		Gram Panchayat/City Area : Alwar		
GA-55 Book No. : 072105		Date of Collection : 23.01.24		
GA-55 Receipt No. : 0067		Date of Examination : 23.01.24		
Amount in Rs. : 297.00		Amount Deposited for : Chem/Bact Testing of Water Sample		
Test Parameters	IS-10500:2012			Test Values of Samples
	Requirement (Acceptable Limit)	Permissible limit in the absence of alternative sources		
1 pH	6.5 to 8.5	No Relaxation		7.3
2 Turbidity (NTU)	5	15		Clear
3 Colour (Hazen Unit)	1	5		0
4 Odour	Unobjectionable	-		0
5 Total Alkalinity (as CaCO ₃) mg/L	200	600		120
6 Total Hardness (as CaCO ₃) mg/L	300	600		240
7 Calcium (as Ca++) mg/L	75	200		
8 Magnesium (as Mg++) mg/L	30	100		
9 Chloride (as Cl ⁻) mg/L	600	1000		110
10 Sulphate (as SO ₄ ⁻²) mg/L	200	400		0
11 Nitrates (as NO ₃ ⁻) mg/L	45	No Relaxation		26
12 Fluoride (as F ⁻) mg/L	1.00	1.50		0.64
13 Total Dissolved Solids (TDS) mg/L	500	2000		759
14 Residual Chlorine (mg/L)	0.20	1.00		0.00
15 Total Coli Form/100 ml.	NIL/100 ml.	NIL/100 ml.		0
16 E-Coli/100 ml.	NIL/100 ml.	NIL/100 ml.		0.00

(1) The Sample was not collected by this Laboratory.

(2) Not valid for water quality Legal Cases.

Lab/Tech/(Private)/2023-24/

Copy to:

1 The Chief Chemist, Public Health Engineering Department, Rajasthan, Jaipur.

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Senior Chemist
PHED, Lab, Alwar

Dated:

Senior Chemist

Save Water Save Life

Safe Water is Life

