



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

Lab/Tech/(Private)/2023-24/ 123

Dated: 15-05-2023

EXAMINATION REPORT OF THE PRIVATE WATER SAMPLES

Issued To,

MMS Memorial School
Jhokhawas Road Budhi Bawal,
Kotkasim

District: ALWAR
Block/City: Kotkasim

Ref ID : 22		Lab Sample No. : 22			
Reference : Your Letter No. : 0		Source : TW			
Reference Dated : 10.05.23		Source Location : MMS Memorial School			
Date of Receipt : 10.05.23		Habitation/Ward No. : Budhi Bawal			
Name of Sample Taker : Mr. Anil Kumar		Village/Colony/Town : Budhi Bawal			
Desig. of Sample Taker : 0		Gram Panchayat/City Area : Budhi Bawal			
GA-55 Book No. : 093407		Date of Collection : 10.05.23			
GA-55 Receipt No. : 0083		Date of Examination : 10.05.23			
Amount in Rs. : 297.00		Amount Deposited for : Chem/Bact Testing of Water Sample			
IS-10500:2012					
Test Parameters		Requirement (Acceptable Limit)	Permissible limit in the absence of alternative sources	Test Values of Samples	
1	pH	6.5 to 8.5	No Relaxation	6.9	
2	Turbidity (NTU)	5	15	Clear	
3	Colour (Hazen Unit)	1	5	None	
4	Odour	Unobjectionable	-	None	
5	Total Alkalinity (as CaCO ₃) mg/L	200	600	40	
6	Total Hardness (as CaCO ₃) mg/L	300	600	80	
7	Calcium (as Ca++) mg/L	75	200	20	
8	Magnesium (as Mg++) mg/L	30	100	7	
9	Chloride (as Cl) mg/L	600	1000	30	
10	Sulphate (as SO ₄ ⁻²) mg/L	200	400	0	
11	Nitrates (as NO ₃ ⁻) mg/L	45	No Relaxation	6	
12	Fluoride (as F) mg/L	1.00	1.50	0.46	
13	Total Dissolved Solids (TDS) mg/L	500	2000	142	
14	Residual Chlorine (mg/L)	0.20	1.00	-	
15	Total Coli Form/100 ml.	NIL/100 ml.	NIL/100 ml.	43	
16	E-Coli/ 100 ml.	NIL/100 ml.	NIL/100 ml.	-	

- (1) The Sample was not collected by this Laboratory.
(2) Not valid for water quality Legal Cases.

Senior Chemist
PHED, Lab, Alwar
Dated:

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

Copy to:

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

2

3

Senior Chemist

Save Water Save Life