

OFFICE OF THE JUNIOR CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT DISTRICT LABORATORY
Baran (Rajasthan)

REPORT OF THE CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER

No. Lab./PHED/Jr. Ch./Baran/Private/2026-27/ 5)

Date:- 28.04.2026

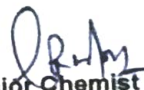
Sample Not Collected by Laboratory

To,
 Sunita Bali Baran
 Ref. Yours Lt. No. Date 22.4.2026
 Date of Receipt :-22.4.2026
 Date of collection :-22.4.2026
 Sample Collected By Ravindra Pareek

DISTRICT:- Baran
 TOWN :- Baran

This Report not valid for judicial & commercial purpose

Source	Requirement (acceptable limit) as per BIS 10500 :2012 (RA 2018)	Permissible limit (In absence of alternate source) as per BIS 10500:2012 (RA 2018)	RO	
Particular of Source			Sunita Bali Melkheri Road	
Village/Town				Baran
Lab. Reference No.				PC -05/ PB -05
Note all results Except pH and Colour are in mg/lit.				
PHYSICAL EXAMINATION				
1. PH	6.5-8.5	No Relaxation	8.10	
2. Turbidity (NTU)	1	5	0.1	
3. Colour	5	15	ND	
4. Odour	Inoffensive	Inoffensive	Inoffensive	
CHEMICAL EXAMINATION				
1. Total Alkalinity [as CaCO ₃]	200	600	90	
2. Total Hardness [as CaCO ₃]	200	600	120	
3. Chloride [as Cl ⁻]	250	1000	30	
4. Nitrate [as NO ₃ ⁻]	45	45	7	
5. Total Dissolved Solids	500	2000	255	
6. Fluoride	1.0	1.50	0.211	
7. Residual chloride	0.2	1.0	NIL	
BACTERIOLOGICAL EXAMINATION				
1. Total Coliform MPN PER 100 ML	Shall not be detectable in any 100 ml sample	No Relaxation	NIL	


 V Junior Chemist 28.04.26
 PHED Lab. Baran