



OFFICE OF THE SENIOR CHEMIST
REGIONAL LABORATORY, PHED, KOTA, RAJASTHAN
 PHED Campus, ARRE GARI KOTA-328001



Test Report
(CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER)

Inst. No : 1966

Dated : 28/3/25

Issued to:

Secretary

Vijayvargiya Shikshan Sansthan

Kota

District: Kota

Block/City: Kota

sample No. Collected by Lab

Ref. ID	27	Sample Code No.	PC-239 PB-173
Reference : Letter No.	NIL	Source :	RO
Reference Date:	05.03.25	Source Location :	Chandresal Kota (Raj.)
Date of Receipt :	18.03.25	Habitation/Ward No. :	-
Sample ID	33		
Name of Sample Collector:	Mohd. Rais Gauri	Village/Colony/Nagar :	-
Designation of Sample Collector:	-	Gram Panchayat/City Area :	-
Latitude of Location		Date of Collection :	18.03.25
Longitude of Location		Start Date of Examination :	18.03.25
Elevation of Location		End Date of Examination :	21.03.25
Test Parameters	IS-10500:2012(RA 2018)		Sample Report No.
	Requirement (Acceptable Limit)	Permissible limit in the absence of alternative sources	References Method:
1 pH At Temp. 25° C	6.5 to 8.5	No relaxation	[IS 3025, P-11], 2022
2 Turbidity	1.0	5.0	-
3 Taste	Not Defined	Not Defined	-
4 Odour	Unobjectionable	Unobjectionable	-
5 Total Alkalinity (as CaCO ₃) mg/l	200	600	[IS 3025, P-23], 1986 (RA2019)
6 Total Hardness (as CaCO ₃) mg/l	200	600	[IS 3025, P-21], 2009 (RA 2019)
7 Calcium (as Ca ⁺⁺) mg/l	75	200	[IS 3025, P-40], 1991 (RA 2019)
8 Magnesium (as Mg ⁺⁺) mg/l	30	100	[IS 3025, P-46], 1994 (RA 2019)
9 Chloride (as Cl ⁻) mg/l	250	1000	[IS 3025, P-32], 1988 (RA 2019)
10 Nitrates (as NO ₃ ⁻) mg/l	45	No relaxation	[APHA, Ed24, 4500-B] NO3: 2022
11 Fluoride (as F ⁻) mg/l	1.0	1.5	[IS 3025, P-60], 2008 (RA 2019)
12 Total Dissolved Solids (TDS) mg/l At 180° C	500	2000	[IS 3025 P-16/APHA, Ed24, 2510-BI Cond 2022]
11 Total Coliform (MPN/100ml)	Nil	Nil	-

(*ADL= Above detection limit; BDL= Below detection limit)

REPORT IS NOT VALID FOR
 JUDICIAL AND COMMERCIAL
 PURPOSE

Authorized Signatory

 (Tarun Kumar Jais)
 Senior Chemist

NOTE:

- This test report shall not be reproduced except in full, unless permission for the reproduction of an approved abstract has been obtained from the Senior Chemist, REGIONAL LABORATORY PHED, KOTA (Rajasthan).
- This test report relates only to the samples/items submitted to the laboratory for test.
- This report is not valid for legal cases/legal purposes.
- Sample will be preserved only for 15 days from date of receipt.
- Measurement of uncertainty and standard methods will be provided to customer on demand.

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-----End of the Report-----