



**OFFICE OF THE SENIOR CHEMIST**  
**REGIONAL LABORATORY, PHED, KOTA, RAJASTHAN**  
 PHED Campus, AKELGARH KOTA-324010



**Test Report**  
**(CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER)**

Disp. No.: 316

Dated: 01/6/26

Issued to:

**Principal**

Kautilya Sr. Sec. Schoo, Nayagaon  
 Kota

District: Kota

Block/City: kota

Sample No. Collected by Lab

Ref ID	28	Sample Code No.	PC-41 PB-39
Reference : Letter No.	NIL	Source :	RO
Reference Date:	18.05.26	Source Location :	Naya Gaon Kota
Date of Receipt :	18.05.26	Habitation/Ward No. :	-
Sample ID	41		
Name of Sample Collector:	Mahendra Sharma	Village/Colony/Nagar :	-
Designation of Sample Collector:	-	Gram Panchayat/City Area :	-
Latitude of Location		Date of Collection :	18.05.26
Longitude of Location		Start Date of Examination :	18.05.26
Elevation of Location		End Date of Examination :	25.05.26
Test Parameters	IS-10500:2012(RA 2023)		Sample Report No.
	Requirement (Acceptable Limit)	Permissible limit in the absence of alternative sources	References Method:
1 pH At Temp. 25 <sup>o</sup> C	6.5 to 8.5	No relaxation	[IS 3025, P-11], 2022
2 Turbidity	1.0	5.0	-
3 Total Alkalinity (as CaCO <sub>3</sub> ) mg/l	200	600	[IS 3025, P-23], 2023
4 Total Hardness (as CaCO <sub>3</sub> ) mg/l	200	600	[IS 3025, P-21], 2009 (RA 2023)
5 Chloride (as Cl <sup>-</sup> ) mg/l	250	1000	[IS 3025, P-32], 2025
6 Nitrates (as NO <sub>3</sub> <sup>-</sup> ) mg/l	45	No relaxation	[APHA, Ed24, 4500-B] NO3: 2023
7 Fluoride (as F <sup>-</sup> ) mg/l	1.0	1.5	[IS 3025, P-60], 2008 (RA 2023)
8 Total Dissolved Solids (TDS) mg/l At 180 <sup>o</sup> C	500	2000	[IS 3025 P-16]: 2023 /APHA, Ed24, 2510-B] Cond.2023
9 Total Coliform (MPN/100ml)	Nil	Nil	-
			Test Values
			7.86
			0.50
			20
			20
			10
			0.11
			0.0242
			46
			NIL

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

**REPORT IS NOT VALID FOR  
 JUDICIAL AND COMMERCIAL  
 PURPOSE**

Authorized Signatory  
  
 Senior Chemist  
 PHED Reg. Lab. Kota

**NOTE:**

- This test report shall not be reproduce 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.

Telephone : 0744-2470946

E-mail: lab.kot.phed@rajasthan.gov.in

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