PUBLIC HELTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY, PALI (RAJ.)

Website : - https://phedpali.gov.in/

MEMO NO. : 8720 Date :16.07.2026

SUBJECT : PHYSICAL/ CHEMICAL EXAMINATION REPORT OF WATER SAMPLE

Sample ID/Classification : PHD/01584520/09/2026
Sender : ORCHIDS CENTRAL SCHOOL OF EXCELLENCE, NHB, PALI

Location : NHB, PALI
Sample Description : Drinking Water
Latitute / Longitude : 73.307762/25.792713

Sample Details	Date & Time
Collected By	
Collection Date	15/07/2026 at 18:03
Received at lab	16/07/2026 at 11:03
Analysis Start Date	16-07-2026
Analysis End Date	16-07-2026
Sample Quantity	1 ltr.

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°c ± 2°c	230	500 mg/lt.	2000 mg/lt.	APHA2540 C; 2017
2	Total Hardness as CaCo3	120	200 mg/lt.	600 mg/it.	APHA2340 C; 2017
3	Calcium as Ca	16	75 mg/lt.	200 mg/lt.	APHA3500-Ca B; 2017
4	Magnesium as Mg	19	30 mg/lt.	100 mg/lt.	APHA3500 Mg B; 2017
5	Iron as Fe	0	1.0 mg/lt.	1.0 mg/lt.	APHA3500-Fe B; 2017
6	Chloride as Cl	105	250 mg/lt.	1000 mg/lt.	APHA4500 Cl-B; 2017
7	Sulphate as So4	23	200 mg/lt.	400 mg/lt.	APHA4500-So4-E
8	Fluoride as F	0	1.0 mg/lt.	1.5 mg/lt.	APHA 4500-D; 2017
9	Nitrate as No3	1	45 mg/lt.	45 mg/lt.	APHA 4500-NO3- D
10	pH @ 25°c	7	6.5 - 8.5	6.5 - 8.5	APHA4500-H+ B; 2017
11	Total Alkalinity	70	200 mg/lt.	600 mg/lt.	APHA 2320 B; 2017
12	Color	5	5 Hazen Units	15 Hazen Units	APHA 2120-B
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)
15	Turbidity	0	1 NTU	5 NTU	APHA2130 B; 2017

Remarks :-

* The Results Given above are related to the sample as received and tested in PHED PALI Lab.
* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
* The test report can't be used for any publicity or any legal purpose.
* Reliability of water sample sample lies with sender/collector of water sample.
* To check the sample report online Scan the QR Code below.
* The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless untill specifically requested by the customer for retaining over a longer period.

Water Sample has been found "CONFORMING" to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters,the water sample is found "POTABLE"

DISTRICT LEVEL LABORATORY

16/7/2026

CHEMIST DISTRICT WATER TESTING LABORATORY,PALI(RAJ)