



TC-4072

**Test Report**

Memo No:-	3066	Date:- 06.11.2025
Job Order No:-	PC189/10/2025	
Test Report No:-	JND/06318/10/2025	
Issued To:-	PM SHRI GSSS, BADANPUR	
Customer Reference No:-	283	Dated:- 30.10.2025
Sample Description	Drinking Water	
Sample Type	Chemical Analysis	
Sample collected on dated	30.10.2025	
Sample Collected by	Party Self	
Sample received on dated	30.10.2025	
Sample Location	PM SHRI GSSS BADANPUR	
Sample Quantity	2ltr	
Date of Analysis started	30.10.2025	
Dated of analysis completed	31.10.2025	
Issue Date	06.11.2025	

Environmental Conditions:-Temperature (°c) =27.4 & Humidity (%) = 67

**RESULTS**

Sr. No.	Parameter	Protocol Used	Results	IS: 10500: 2012 (RA-2023)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1.	Taste	IS 3025(Part8): 2023	Agreeable	Agreeable		-----
2.	Ocour	IS 3025(Part5): 2018	Agreeable	Agreeable		-----
3.	Colour	APHA 24 <sup>th</sup> edition-2120-B	5.0	5	15	Hazen Unit
4.	Turbidity	APHA 24 <sup>th</sup> edition -2130 B	0.93	1	5	NTU
5.	Total Dissolved Solids@180°c±2°c	APHA 24 <sup>th</sup> edition -2540 C	319	500	2000	mg/L
6.	Total Hardness	APHA 24 <sup>th</sup> edition -2340 C	98	200	600	mg/L
7.	Calcium (as Ca)	APHA 24 <sup>th</sup> edition -3500-Ca B	14.43	75	200	mg/L
8.	Magnesium (as Mg)	APHA 24 <sup>th</sup> edition -3500 Mg B	15.07	30	100	mg/L
9.	Total Alkalinity	APHA 24 <sup>th</sup> edition - 2320 B	156	200	600	mg/L
10.	Chloride (as Cl)	APHA 24 <sup>th</sup> edition -4500 Cl B	61.41	250	1000	mg/L
11.	Fluoride (as F)	APHA 24 <sup>th</sup> edition -4500- F C	2.99	1.0	1.5	mg/L
12.	Sulphate (as So <sub>4</sub> )	APHA 24 <sup>th</sup> edition -4500-So <sub>4</sub> E	43	200	400	mg/L
13.	Nitrate (as NO <sub>3</sub> )	APHA 24 <sup>th</sup> edition -4500-NO <sub>3</sub> D	0.63	45	45	mg/L
14.	Iron (as Fe)	APHA24 <sup>th</sup> edition-3500-Fe B	0.02	1.0	1.0	mg/L
15.	pH @25°c	APHA 24 <sup>th</sup> edition -4500-H+ B	7.41	6.5 to 8.5	No relaxation	-----

**Notes:**

- The results given above are related to the sample as received and tested in PHED Lab, Jind. Reliability of sample lies with the sender.
- Sample not collected by this Laboratory.
- The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report can't be used for any publicity or any legal purpose.
- The test samples meant for chemical analysis will be disposed off after 7 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Sample analyzed by: Sumit

**PM SHRI G.S.S School  
Badanpur (1697) Jind**

Reviewed & Approved by

(Virender Singh)  
Authorized Signatory/Chemist  
PHED Water Testing Laboratory, Jind

END OF TEST REPORT