



OFFICE OF THE CHIEF CHEMIST

PUBLIC HEALTH ENGINEERING DEPARTMENT
STATE WATER TESTING LABORATORY, KARNAL-132001



PHED
Haryana

Test Report No. : KNL/02467/5/2026 Issued to : Swami Amar Dev Adarsh Sr.Sec School Sample Type : → Chemical Test	Issue Date: Memo No.: 2214 Date:- 22/05/2026 Location : VPO Gonder Sample collected Date &Time: 21/05/2026 Sample received Date & Time: 22/05/2026
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Test Result

S.NO	Tested Parameter	Result	Unit	Acceptable	Permissible Limit (As per IS 10500:2012)
1	Total Dissolve Solids	590	mg/l	500 mg/l	2000 mg/l
2	Total Hardness as CaCO ₃	350	mg/l	200 mg/l	600 mg/l
3	Calcium as Ca	60	mg/l	75 mg/l	200 mg/l
4	Magnesium as Mg)	48	mg/l	30 mg/l	100 mg/l
5	Chloride as Cl	75	mg/l	250 mg/l	1000 mg/l
6	Total Alkalinity	300	mg/l	200 mg/l	600 mg/l
7	Fluoride as (F)	0.690	mg/l	1.0 mg/l	1.5 mg/l
8	Iron as (Fe)	0.02	mg/l	1.0 mg/l	No Relaxation
9	Nitrate as (NO ₃)	3.7	mg/l	45 mg/l	No Relaxation
10	Sulphate as (SO ₄)	45	mg/l	200 mg/l	400 mg/l
11	pH	7.35	---	6.5-8.5	No Relaxation
12	Color	<5.0	HazenUnits	5 Hazen Units	15 Hazen Units
13	Turbidity	<1	NTU	1	5
14	odor	Unobjectionable	---	Unobjectionable	---
15	Taste	Agreeable	---	Agreeable	Agreeable

- ◆ The results given above are related to the sample as received and tested in PHED State Lab Karnal.
- ◆ The test report can't be regenerated/ re-produced in whole or part thereof without written permission of PHED St. Lab Karnal.
- ◆ The test report can't be used for any publicity or any legal purpose.
- ◆ Reliability of water sample lies with sender/collector of water sample.

Checked by
Jayinder Singh

A. Singh
CHIEF CHEMIST 22/05/26
PUBLIC HEALTH ENGINEERING DEPARTMENT
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KARNAL