



Office of the Executive Engineer, HSVP Division, Karnal

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To

The Principal,
Guru Harkrishan Public School,
Sector-13-Ext., U.E., Karnal.

Memo No. 289900

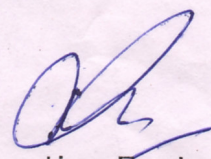
Dated 02/09/2025

Subject: - Certificate of Water Supply of Guru Harkrishan Public School, Sector-13-Ext., U.E., Karnal.

Kindly refer to your application No. Ghps/2730/25-26/KNL dated 20.08.2023 on subject cited above.

In this regard as desired vide your Letter under reference, it is certified that HSVP is supplying the fresh and safe drinking water to the Guru Harkrishan Public School, Sector-13-Ext., U.E., Karnal.

This is for your kind information and taking necessary action please.


Executive Engineer,
HSVP, Division, Karnal

Memo No:- 7234

Date:- 25/08/2025

Certificate
No: TC-13659

Subject : Physical / Chemical Examination Report of Water Sample

| | | |
|---|-----------------------|------------------------|
| Sample ID/Classification : KNL/07672/8/2025 / Private | Sample Details | Date & Time |
| Sender : Principal ,Guru Harkrishan Public school | Collected By | Principal |
| Location : , (R.O Treated),Sec-13 Extn.,U.E,KNL | Collection Date | 22/08/2025 at 11:25 |
| Sample Description : Drinking Water | Received at lab | 22/08/2025 at 11:31 |
| Latitude / Longitude : 76.995344 / 29.687977 | Analysis Start Date | 22/08/2025 |
| | Analysis End Date | 23/08/2025 |
| | Sample Quantity | 1000ML |

Test Result (As Per BIS 10500 :2012)

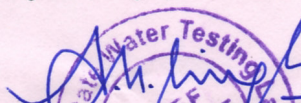
| S.No. | Tested Parameter | Result | Requirement (Acceptable Limit) | Permissible Lmt. (In the Absence of Alternate Source) | Protocol Used |
|-------|--------------------------------------|-----------|-----------------------------------|--|---|
| 1 | Turbidity | <1 | 1 NTU | 5 NTU | IS 3025 (Part-10):1984 (RA 2022) |
| 2 | Taste | Agreeable | Agreeable | Agreeable | IS 3025 (Part-8) :1984 (RA 2022) |
| 3 | Odour | Agreeable | Agreeable | Agreeable | IS 3025 (Part-5) :1984 (RA 2018) |
| 4 | Color | <5 | 5 Hazen Units | 15 Hazen Units | IS 3025 (Part 4): 2021 |
| 5 | Total Dissolved Solids @ 180°C ± 2°C | 150 | 500 mg/lit. | 2000 mg/lit. | IS 3025 (Part-16) : 2023 |
| 6 | Total Hardness as CaCO ₃ | 100 | 200 mg/lit. | 600 mg/lit. | IS 3025 (Part-21) : 2009 (RA 2023) |
| 7 | Calcium as Ca | 20 | 75 mg/lit. | 200 mg/lit. | IS 3025 (Part-40) :1991 (RA 2023) |
| 8 | Magnesium as Mg | 12 | 30 mg/lit. | 100 mg/lit. | IS 3025 (Part-46) (RA 2023) |
| 9 | Total Alkalinity | 110 | 200 mg/lit. | 600 mg/lit. | IS 3025 (Part-23) : 1986 (RA 2019) |
| 10 | Chloride as Cl | 36 | 250 mg/lit. | 1000 mg/lit. | IS 3025 (Part-32) :1988 (RA 2019) |
| 11 | Sulphate as So ₄ | 15 | 200 mg/lit. | 400 mg/lit. | USEPA-8051:2017 |
| 12 | Fluoride as F | 0.210 | 1.0 mg/lit. | 1.5 mg/lit. | APHA 24th Edition-4500F C |
| 13 | Iron as Fe | 0.02 | 1.0 mg/lit. | 1.0 mg/lit. | USEPA-8008:2017 |
| 14 | Nitrate as No ₃ | 1.5 | 45 mg/lit. | 45 mg/lit. | APHA 24th Edition -4500 NO ₃ D |
| 15 | pH @ 25°C | 7.30 | 6.5 - 8.5 | 6.5 - 8.5 | IS 3025 (Part-11) : 2022 |

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED KARNAL 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 7 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Sample analyzed by : *Jayinder Singh*


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 STATE WATER TESTING LABORATORY, KARNAL
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 25/08/2025