

PUBLIC HEALTH ENGINEERING DEPARTMENT

STATE WATER TESTING LABORATORY, KARNAL

Website :- <https://phedharyana.gov.in/>

Memo No:-

916

Date:-

09/09/2021

Subject : Physical / Chemical Examination Report of Water Sample

| | | | |
|------------------------|------------------------------------|-----------------|---------------------|
| Sample ID: | KNL/07741/9/2021 | Sample Details | Date & Time |
| Sample Classification: | Private | Collected By | |
| Sender: | PRINCIPAL6664 | Collection Date | 08/09/2021 at 17:32 |
| Location :- | JPS ACADEMY, NISSING <i>KNL</i> | Received at lab | 08/09/2021 at 17:37 |
| Latitude :- | 76.757092 | Tested at Lab | 09/09/2021 |
| Longitude :- | 29.693263 | | |

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 | 120 | 500 mg/lit. | 2000 mg/lit. | IS 3025 (Part-16) : 1984 (RA 2017)/ APHA2540 C; 2017 |
| 2 | Total Hardness as CaCo3 | 70 | 200 mg/lit. | 600 mg/lit. | IS 3025 (Part-21) : 2009 (RA 2019)/ APHA2340 C; 2017 |
| 3 | Calcium as Ca | 20 | 75 mg/lit. | 200 mg/lit. | IS 3025 (Part-40) : 1991 (RA 2019)/ APHA3500-Ca B; 2017 |
| 4 | Magnesium as Mg | 4.8 | 30 mg/lit. | 100 mg/lit. | IS 3025 (Part-46) : 1994 (RA 2019)/ APHA3500 Mg B; 2017 |
| 5 | Iron as Fe | 0.01 | 1.0 mg/lit. | 1.0 mg/lit. | IS 3025 (Part-53) : 2003 (RA 2019)/ APHA3500-Fe B; 2017 |
| 6 | Chloride as Cl | 35 | 250 mg/lit. | 1000 mg/lit. | IS 3025 (Part-32) : 1988 (RA 2019)/ APHA4500 Cl-B; 2017 |
| 7 | Sulphate as So4 | 10 | 200 mg/lit. | 400 mg/lit. | IS 3025 (Part-24) : 1986 (RA 2019)/ APHA4500-So42-E/D; 2017 |
| 8 | Fluoride as F | 0.280 | 1.0 mg/lit. | 1.5 mg/lit. | APHA 4500-F--C, D; 2017 |
| 9 | Nitrate as No3 | 1.0 | 45 mg/lit. | 45 mg/lit. | APHA 4500-NO3- D, B |
| 10 | pH | 7.75 | 6.5 - 8.5 | 6.5 - 8.5 | IS 3025 (Part-11) : 1983 (RA 2017)/ APHA4500-H+ B; 2017 |
| 11 | Alkalinity | 60 | 200 mg/lit. | 600 mg/lit. | IS 3025 (Part-23) : 1986 (RA 2019)/ APHA 2320 B; 2017 |
| 12 | Color | 0.0 | 5 Hazen Units | 15 Hazen Units | IS 3025 (Part-4) : 1983 (RA 2017)/ APHA 2120 C; 2017 |
| 13 | Odour | 0.0 | Agreeable | Agreeable | IS 3025 (Part-5) : 1984 (RA 2018)/ APHA 2150B; 2017 |
| 14 | Taste | 0.0 | Agreeable | Agreeable | IS 3025 (Part-8) : 1984 (RA 2017)/ APHA 2160B; 2017 |
| 15 | Turbidity | 0.0 | 1 NTU | 5 NTU | IS 3025 (Part-10):1984 (RA 2017)/ APHA2130 B; 2017 |

Remarks :-

- * The Results Given above are related to the sample as received and tested in KARNAL.
- * 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.



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"



AMIT KUMAR, CHIEF CHEMIST
STATE WATER TESTING LABORATORY, KARNAL
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09/09/2021

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

Joginder Sirfn

APPENDIX - VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.

No. 916

Date : 09/09/2021

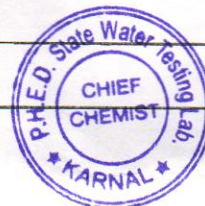
It is certified that an inspection team headed by Sh. Roshan Sharma
(Name of Officers
with designation) from P.H.E.D. Assemdh (Name of
Department/Office) inspected the JPS Academy Nissing
(Name & Address of
the School) on 08/09/2021 and found that the _____
(Name of school) has safe
drinking water facilities for the students and members of staff of the institution and is maintaining
the hygienic sanitation condition in the school building & the campus as per the norms
prescribed by the Central/State/U.T Govt.

The above valid for a period of One Year

Signature with Seal : Sh. Roshan Sharma 09/09/2021

Name : _____

Designation : _____



To

JPS Academy Nissing
Opp. Radha Sarni Sabrang
Bhawon, Karthik Road

(Name & Address of the Institution)