# PUBLIC HEALTH ENGINEERING DEPARTMENT

PHED Haryana

## DISTRICT WATER TESTING LABORATORY ,Gurugram

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

Certificate No. TC-8111

Memo No:- **539** Date:- **19/06/2026**

**Subject : Physical / Chemical Examination Report of Water Sample**

| | |
|---|---|
| Sample ID/Classification : | GGN/01133/6/2026 / Private |
| Sender : | JK MEMORIAL PUBLIC SCHOOL |
| Location : | , BHANGROLA |
| Sample Description : | Drinking Water |
| Latitute / Longitude : | 76.903730 / 28.391078 |

| Sample Details | Date & Time |
|---|---|
| Collected By | KAILASH YADAV |
| Collection Date | 08/06/2026 at 16:22 |
| Received at lab | 09/06/2026 at 17:03 |
| Analysis Start Date | 09/06/2026 |
| Analysis End Date | 12/06/2026 |
| Sample Quantity | 250 ml |

**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 | APHA 24th Edition -2130 B |
| 2 | Taste | Agreeable | Agreeable | Agreeable | IS 3025 (Part-8) : 2023 |
| 3 | Odour | Agreeable | Agreeable | Agreeable | IS 3025 (Part-5) : 2018 |
| 4 | Color | 1 | 5 Hazen Units | 15 Hazen Units | APHA 24th Edition-2120-B |
| 5 | Total Dissolved Solids @ 180°c ± 2°c | 83 | 500 mg/lt. | 2000 mg/lt. | APHA 24th Edition -2540 C |
| 6 | Total Hardness as CaCo3 | 60 | 200 mg/lt. | 600 mg/lt. | APHA 24th Edition -2340 C |
| 7 | Calcium as Ca | 14.02 | 75 mg/lt. | 200 mg/lt. | APHA 24th Edition-3500-Ca B |
| 8 | Magnesium as Mg | 6.07 | 30 mg/lt. | 100 mg/lt. | APHA 24th Edition -3500 Mg B |
| 9 | Total Alkalinity | 30 | 200 mg/lt. | 600 mg/lt. | APHA 24th Edition -2320 B |
| 10 | Chloride as Cl | 29.98 | 250 mg/lt. | 1000 mg/lt. | APHA 24th Edition -4500 Cl-B |
| 11 | Sulphate as So4 | 34.70 | 200 mg/lt. | 400 mg/lt. | USEPA / APHA 24th -4500 SO4-E |
| 12 | Fluoride as F | 0.10 | 1.0 mg/lt. | 1.5 mg/lt. | APHA 24th Edition 4500 F-D: |
| 13 | Iron as Fe | 0.01 | 1.0 mg/lt. | 1.0 mg/lt. | USEPA |
| 14 | Nitrate as No3 | 1 | 45 mg/lt. | 45 mg/lt. | APHA 4500-NO3- B / USEPA |
| 15 | pH @ 25°c | 7.16 | 6.5 - 8.5 | 6.5 - 8.5 | APHA 24th Edition 4500-H+ B |

**Remarks :-**

* The Results Given above are related to the sample as received and tested in PHED Gurugram 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 untill specifically requested by the customer for retaining over a longer period.

Sample analyzed by : ARUN

KANTA PUNIA ,CHEMIST
DISTRICT WATER TESTING LABORATORY,Gurugram
email:-chemist.gurgaon@phedharyana.gov.in

Principal
JK Memorial Public School
Bhangrola, Gurugram (HR.)

Manager
JK Memorial Public School
Bhangrola, Gurugram (HR.)

**APPENDIX - VIII**

## PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE.

**No. S.H./2026/** 42 **Date :** 12/02/2026

It is certified that an inspection team headed by Dr. Vikes Swami , Dy. Civil Surgeon, Gurugram and inspection done by Dental surgeon PHC Bhangrola , School health, Gurugram of **JK Memorial Public School , V.P.O. Bhangrola ,Gurugram** on 29-10-2025. They Checked the Water test report submitted by School and found that the School has potable drinking water for student and members of staff of the institution and is having provision for running Water in the toilets and maintaining the hygienic sanitation condition in the school building & the campus as per the norms prescribed by the Central/State/U.T Govt.

This certificate is valid for a period of One Year.

Civil Surgeon
Gurugram

**Signature with Seal :** _____

**Name :** _____

**Designation :** _____

To

**JK Memorial Public School ,**
**V.P.O. Bhangrola,**
**Gurugram.**
**(Name & Address of the Institution)**

Principal
JK Memorial Public School
Bhangrola, Gurugram (HR.)

Manager
JK Memorial Public School
Bhangrola, Gurugram (HR.)