



**PUBLIC HEALTH ENGINEERING DEPARTMENT  
WATER TESTING LABORATORY  
GURUGRAM  
TEST REPORT**

<b>Test Report No. :</b> GGN/03159/02/2022	<b>Issue Date:--</b> 17/02/2022
<b>Issued to :</b> - Principal Shiv Public Sr. Sec. School Sohna (Gurugram)	<b>Location:-</b> - R-O Water Shiv Public Sr. Sec. School, Sohna
<b>Your Reference No. :</b> SPS/110/1 dated:- 15/02/2022	<b>Collected by Customer:-</b> --- Sanjay Raghav
<b>Sample Type :</b> Chemical Test	<b>Sample collected on &amp;Time: -</b> -15/02/2022
<b>Name of JE :</b> ---	<b>Sample received on: -</b> 15/02/2022
<b>Lab Job Order No. :</b> 3159	<b>Sample Quantity:</b> 1000 ml

**Test Result**

Test started on- 15/02/2022				Test completed on -17/02/2022		
S No.	Tested Parameter	Results	Unit	Method	Acceptable	Permissible Limit (As per IS 10500:2012 ) RA 2018
1	Turbidity	1	NTU	APHA 2130-B, Edition 23rd	1 NTU	5 NTU
2	Taste	Agreeable	-	IS3025 (Part-8),	Agreeable	Agreeable
3	Odour	Agreeable	-	APHA 2150-B	Agreeable	Agreeable
4	Colour	4	HU	IS3025 (Part-8),	5 HU	15 HU
5	Total Dissolve Solids @180°C	40	Mg/l	APHA2540C, Edition 23rd	500 Mg/l	2000 Mg/l
6	Hardness as CaCO <sub>3</sub>	30	Mg/l	APHA2340C, Edition 23rd	200 Mg/l	600 Mg/l
7	Calcium as (Ca)	8	Mg/l	APHA3500-Ca B, Edition 23rd	75 Mg/l	200 Mg/l
8	Magnesium (Mg)	2.4	Mg/l	APHA3500Mg B, Edition 23rd	30 Mg/l	100 Mg/l
9	Alkalinity	50	Mg/l	APHA2320 B, Edition 23rd	200 Mg/l	600 Mg/l
10	Chlorides as Cl	20	Mg/l	APHA 4500 Cl <sup>-</sup> B, Edition 23rd	250 mg/l	1000 mg/l
11	Sulphate as (So <sub>4</sub> )	1	Mg/l	APHA 4500-So <sub>4</sub> <sup>2-</sup> E, Edition 23rd	200 Mg/l	400 Mg/l
12	Fluoride as (F)	0.1	Mg/l	APHA 4500-FD,C, Edition 23rd	1.0 Mg/l	1.5 Mg/l
13	Iron as (Fe)	0.02	Mg/l	APHA 3500-Fe B, Edition 23rd	1.0 Mg/l	No Relaxation
14	Nitrate as (no <sub>3</sub> )	0.6	Mg/l	APHA 4500-No <sub>3</sub> - B, Edition 23rd	45 Mg/l	No Relaxation
15	PH@25	7.3	---	APHA 4500-H <sup>+</sup> B, Edition 23rd	6.5-8.5	No Relaxation

Specific contractual notes: -

- ◆ The results given above are related to the sample as received and tested in PHED Lab Gurugram.
- ◆ The test report can't be regenerated/ re-produced in whole or part thereof without written permission of PHED Lab Gurugram.
- ◆ The test report can't be used for any publicity or any legal purpose.
- ◆ The samples received shall be destroyed after 15 Days from the date of issue of the certificate.
- ◆ Reliability of water sample lies with sender/collector of water sample.

Principal  
Shiv Public Senior Secondary  
School, Sohna (Gurgaon)  
Checked by  
Manager  
SHIV PUBLIC SCHOOL  
Managing Committee SOHNA

Authorised Signatory (Kanta Punia)  
Chemist  
PHED Water Testing Laboratory  
Gurugram