



Analyzing for an Assured Future

# NOIDA TESTING LABORATORIES

(A Government of India Approved Testing Laboratory)

(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)  
MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

## TEST CERTIFICATE

<b>Issued To:</b> M/s Vinayak International School	<b>Report Code</b> : W-281123-044
<b>Address:</b> Kishanpur, Faridpur, Bareilly	<b>ULR No.</b> : TC6814230000018099 F
	<b>Test Report of</b> : Water
	<b>Service Request No</b> : NTL/SRF/11/23-09
	<b>Service Request Date</b> : 27/11/2023
	<b>Report Issue Date</b> : 04/12/2023

### SAMPLING & ANALYSIS DATA

Sample Drawn By	: NTL Representative
Sample Drawn On	: 28/11/2023
Sample Quantity	: 2.0 lit + 500 ml.
Sample packing Details	: In Sealed Plastic Bottle & Glass Bottle
Analysis Duration	: 28/11/2023 to 04/12/2023
Sample Description	: Drinking Water
Required Test Standard	: IS 10500: 2012

### MICROBIOLOGICAL REQUIREMENT RESULT

S.No.	Parameter	Test Method	Results	Requirements as per IS-10500:2012
1.	<i>Escherichia coli</i>	IS-15185	Absent	Absent/10 <sup>6</sup> ml
2.	<i>Coliform Bacteria</i>	IS-15185	Absent	Absent/100ml

### ORGANOLEPTIC & PHYSICAL PARAMETERS

S.No.	Parameter	Test Method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Colour	IS-3025(P-04)	<1.00	Hazen Unit	5	15
2.	Odour	IS-3025(P-05)	Agreeable	-	Agreeable	Agreeable
3.	Taste	IS-3025(P-07 & 08)	Agreeable	-	Agreeable	-
4.	Turbidity	IS-3025(P-10)	<1.00	NTU	1	5
5.	pH value	IS-3025(P-11)	7.24	-	6.5 - 8.5	-
6.	Total dissolve solid (TDS)	IS-3025(P-16)	189.0	mg/l	500	2000

### GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS

S.No.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Aluminium (as Al)	IS: 3025 (P- 55)	<0.01	mg/l	0.03	0.2
2.	Total Ammonia	IS: 3025 (P- 34)	<0.10	mg/l	0.5	No Relaxation
3.	Barium (as Ba)	IS: 15302	<0.10	mg/l	0.7	No Relaxation
4.	Boron (as B)	IS: 3025 (P- 57)	<0.10	mg/l	0.5	2.4
5.	Calcium (as Ca)	IS: 3025 (P- 40)	185.0	mg/l	75	200
6.	Chloramines (as Cl <sub>2</sub> )	IS: 3025 (P- 26)	BDL	mg/l	4.0	No Relaxation

Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

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7.	Chloride (as Cl)	IS: 3025 (P- 32)	24.50	mg/l	250	1000
8.	Copper (as Cu)	IS: 3025 (P-42)	BDL	mg/l	0.05	1.5
9.	Fluoride (as F)	IS: 3025 (P-60)	0.18	mg/l	1.0	1.5
10.	Iron (as Fe)	IS: 3025(P-53)	<0.05	mg/l	1.0	No Relaxation
11.	Magnesium (as mg)	IS: 3025 (P-46)	52.60	mg/l	30	100
12.	Manganese (as Mn)	IS: 3025 (P-59)	BDL	mg/l	0.1	0.3
13.	Nitrate (as NO <sub>3</sub> )	IS: 3025 (P- 34)	1.08	mg/l	45	No Relaxation
14.	Selenium (as Se)	IS: 3025 (P- 56)	BDL	mg/l	0.01	No Relaxation
15.	Silver (as Ag)	Annex J IS: 13428	BDL	mg/l	0.1	No Relaxation
16.	Sulphate (as SO <sub>4</sub> )	IS: 3025 (P- 24)	4.86	mg/l	200	400
17.	Sulphide (as H <sub>2</sub> S)	IS-3025 (P-29)	BDL	mg/l	0.05	No Relaxation
18.	Alkalinity (as Ca CO <sub>3</sub> )	IS: 3025 (P- 23)	116.0	mg/l	200	600
19.	Total Hardness (as CaCO <sub>3</sub> )	IS: 3025 (P- 21)	175.0	mg/l	200	600
20.	Zinc (as Zn)	IS: 3025 (P- 49)	BDL	mg/l	5.0	15

### Parameters Concerning Toxic Substances:

S.No.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Cadmium (as Cd)	IS-3025(P-41)	<0.001	mg/l	0.003	No Relaxation
2.	Cyanide (as CN)	IS-3025(P-27)	<0.01	mg/l	0.05	No Relaxation
3.	Lead (as Pb)	IS-3025(P-47)	<0.01	mg/l	0.01	No Relaxation
4.	Mercury (as Hg)	IS-3025(P-48)	<0.001	mg/l	0.001	No Relaxation

BDL: Below Detection limit.

Remarks-(1) Based on above tested parameter water sample meet as per IS-10500:2012 in desirable limit, Water is fit for Drinking purpose.

### Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

Checked by  
CHECKED BY

AUTHORIZED SIGNATORY  
NOIDA TESTING LABORATORIES