



Regional Water Testing Laboratory

क्षेत्रीय पानी परीक्षण प्रयोगशाला
Under Ministry of MSME, Govt. of India
Water Quality Management

NIC Code - 72100 Research and experimental development on natural science and engineering

This is an ISO 9001:2008 Certified Laboratory



As per NABL (ISO 17025:2017)

TEST CERTIFICATE

Ref Memo No: Nil dt 30.04.2023

Date of Reporting of Test: - 03.05.2023

Sample Sending Authority/Person: - Administrator/D.W.P. S Hooghly

Location: Delhi World Public School-Hooghly,
Garalgacha, Dankuni, Hooghly, Pin:712702, Dist: Hooghly, W.B.

Date of Sampling:- 30.04.2023

Sample Received on:- 30.04.2023

Sample Collected by: - School Representative

Type of Sampling- Tap Water

Sample ID No.- DW97TF13000169

Analysis: - Date of Starting:- 30.04.2023

Date of Completion of Test:- 03.05.2023

-: Physical, Chemical & Bacteriological Test Findings:-

SL. No.	Parameter	Method of test (Ref to IS)	Desirable Limit*	Permissible Limit in Absence of Alternate Source*	Result
1.	pH	3025(Part-11)	6.5	8.5	6.93
2.	Turbidity.(NTU)	3025(Part 10)	1	5	2.03
3.	Total Alkalinity (as CaCO ₃)	3025(Part-23)	200	600	93
4.	Total Hardness(as CaCO ₃),mg/L	3025(Part-21)	200	600	167.24
5.	Chloride (as Cl ⁻),mg/L	3025(Part-32)	250	1000	369.67
6.	Iron(as Fe),mg/L	3025(Part-53)	1.0	No Relaxation	0.3039
7.	Arsenic(as As),mg/L	3025(Part-37)	0.01	No Relaxation	BDL
8.	Fluoride(as F ⁻),mg/L	3025(Part-60)	1.0	1.50	BDL
9.	Manganese (as Mn), mg/L	3025(Part-59)	0.10	0.30	BDL
10.	Sulphate (as SO ₄),mg/L	3025(Part-24)	200	400	18.97
11.	Sulphide (as H ₂ S), mg/L	3025(Part-29)	BDL	No Relaxation	BDL
12.	Boron (as B), mg/L	3025 (Part 57)	0.50	1.0	BDL
13.	Barium (as Ba), mg/L	Annex F-IS:13428*/IS 15302	0.70	No Relaxation	BDL
14.	Total Dissolved Solid (mg/L)	3025 (Part 16)	500	2000	663
15.	Total Coliform(CFU/100ml)	(Clause 4.1)	Absent	Absent	Not Found
16.	Faecal Coliform(CFU/100ml)	(Clause 4.1)	Absent	Absent	Not Found

* Drinking Water - Bureau of Indian Standards (BIS) IS: 10500:2012, Drinking Water Specification, 2012. Amendment No-1, June '2015
Note: BDL= Below Detection Limit (<0.001mg/L).

Remarks: Above mentioned sample is fit for human uses on the basis of above studied parameters.

Warning: Making any kind of false, forging a document of this Regional Water Testing Laboratory by Affixing Own Signature, Stamp, Letterhead, Making Counterfeit Seal, etc, With Intent to Commit Forgery which is punishable otherwise than under section 467 of the Indian Penal Code, or possessing with like the purpose of any such seal, plate, etc and knowing the same to be counterfeit. Punishment with Imprisonment for 7 years and fine are liable.

D.W.P.S. HOOGHLY
A unit of Dankuni Medical &
Educational Trust

Analyst
RWTL/KOL-HO

Principal

Research Fellow
RWTL/KOL-HO



Scientist
RWTL KOL-HQ

D.W.P.S. HOOGHLY
A unit of Dankuni Medical &
Educational Trust

Administrator

Adviser (S&T)
RWTL KOL-HQ