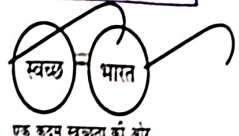


 No.DJB/QCLTYR/PD/241103	DELHI JAL BOARD (GOVT. OF N.C.T. DELHI) QUALITY CONTROL LABORATORY, TRANS YAMUNA REGION TAHIRPUR DELHI-110093  Licence No- CRO/QM/L-8004274 as per IS/ISO 9001:2015	ACWA-TYR Diary No. 1196 dt. 26-11-2024  एक कदम स्वच्छता की ओर
--	--	---

NO: DJB/ACWA(TYR)/2024.....

DATE:- 25-11-2024

Analysis report of DJB water samples collected from (1)Inlet, (2)Outlet of M/S BAPTIST EDUCATIONAL SOCIETY, C.G.H.S COMPLEX, I.P. EXTN. PATPARGANJ, Delhi-110092, for drinking purpose.

Ref. No. BCS/NOV/56, dated : - 20.11.2024
 Challan No: - 194, dated: - 20.11.2024

Date of collection : 23-11-2024

DATE OF COLLECTION : 23-11-2024

S. No.	PARTICULARS	BIS:10500-2012 LIMITS		UNITS	RESULT	
		Desirable	Permissible		(1)	(2)
A.	Physical Examination					
1.	Colour	...	...	-	Clear	Clear
2.	Odour	...	...	-	Chlor.	Chlor.
3.	Turbidity	1.0	5.0	NTU	1.28	4.02
4.	pH Value	6.5-8.5	--	-	7.5	7.5
5.	Electrical Conductivity	--	--	µs/cm	213	234
6.	Total Dissolved Solids	500	2000	mg/l	138	152
B.	Chemical Examination					
7.	P th Alkalinity	...	...	mg/l	NIL	NIL
8.	Total Alkalinity	200	600	mg/l	82	92
9.	Total Hardness	200	600	mg/l	110	116
10.	Calcium as (Ca)	75	200	mg/l	32.0	33.6
11.	Magnesium as (Mg)	30	100	mg/l	7.20	7.68
12.	Ammonical Nitrogen	0.5	NR	mg/l	N.D	N.D
13.	Nitrite			mg/l	N.D	N.D
14.	Nitrate	45	NR	mg/l	2.19	2.32
15.	Sulphate	200	400	mg/l	26.88	27.26
16.	Chloride	250	1000	mg/l	10	12
17.	Fluoride	1.0	1.5	mg/l	0.04	0.05
18.	Total Iron	1.0	NR	mg/l	0.06	0.10
19.	Cyanide	0.05	NR	mg/l	N.D	N.D
20.	Residual Chlorine	0.2	1.0	mg/l	0.75	0.50
C.	Bacteriological Examination					
21.	Coliform count	Absent	NR	MPN/100ml	0	0

REMARKS:- On the basis of above tested parameters, both water samples conform BIS: 10500-2012 and can be considered fit for drinking purpose.

(B.K Verma)
ACWA(TYR)

(A.G Susmitha)
BACTERIOLOGIST

(Gulsh Jainar)
CHEMIST

(Mayank Yadav)
A/CHEMIST

Asstt. Chief Water Analyst
D.J.B. Govt. of N.C.T. of Delhi
Quality Control Zonal Laboratory (TYR)
Tahir Pur Dltishad Garden, Delhi-110092



SPECTRA TESTING LABS (OPC) PVT. LTD.

(FORMERLY KNOWN AS SPECTRA ANALYTIC LABS) The Result You Can Trust

(An ISO 9001:2015, 14001:2015 OHSAS 45001:2018 Certified & NABL Accredited Laboratory)

Plot No-343/14, Krishna Colony, Soharpur, Faridabad, Haryana-121003

E-mail: care.spectra@gmail.com | Website: www.Spectraanalyticlabs.com | Ph: 9310207829, 9560653541, 9891225809

TEST REPORT

Name & Address of Customer		Test Report Number	DW/0624/22131
Issued To:-		Date of Report	22.06.2024
M/s. THE BAPTIST CONVENT SR.SEC. SCHOOL		Job Order Number	SAL/DW/0624/18131
PATPARGANJ,IP EXTENSION,DELHI-110091		Sample Description	One Sample of Ro Water
		Date of Sampling	18.06.2024
		Sampling Done by	SAL Lab Representative
		Sample Source	Delhi Jal Board Supply Water
		Sampling Protocol	IS: 3025 (Part-01)
Sample Received on	18.06.2024	Sample Quantity	2 Ltr
Analysis Start Date	18.06.2024	Sample Packing	Plastic Bottle
Analysis End Date	22.06.2024	Sample Marking	RO Water

TEST RESULTS

WATER SAMPLE ANALYSIS

WATER SAMPLE ANALYSIS						
S. No	Parameters	Unit	Max Requirement as per (IS-10500-2012)Ammn.2		Results	Test Method
			Acceptable	Permissible (in absence of alternate source)		
Physico-Chemical						
1.	True Color	Hazen	5	15	< 5	IS: 3025(Part-04)1983 RA2017
2.	Odour	-	Agreeable	-	Agreeable	IS: 3025(Part-05)1983 RA 2017
3.	Taste	...	Agreeable	Agreeable	Agreeable	APHA2160-C
4.	Turbidity	NTU	1 NTU	5	< 1	IS: 3025(Part-10)1984 RA 2017
5.	pH Value at 25 ^o C	-	6.5-8.5	No Relaxation	7.23	IS: 3025(Part-11)1983 RA 2017
6.	Total Hardness (as CaCO ₃)	mg/l	200	600	30.0	IS: 3025(Part-21)2009 RA 2019
7.	Total Alkalinity as CaCO ₃	mg/l	200	600	49.0	IS: 3025(Part-23)1986 RA 2019
8.	Total Dissolved Solids	mg/l	500	2000	124.0	IS: 3025(Part-16)1984 RA 2017
9.	Chlorides (as Cl)	mg/l	250	1000	13.2	IS: 3025(Part-32)1988 RA 2019
10.	Calcium(as Ca)	mg/l	75	200	8.4	IS: 3025(Part-40)1991 RA 2019
11.	Magnesium (as Mg)	mg/l	30	100	2.9	IS: 3025 (Part-46)1994 RA2019
12.	Sulphate (as SO ₄)	mg/l	200	400	4.0	IS: 3025(Part-24)1986 RA 2019
13.	Nitrate,(NO ₃)	mg/L	45	NoRelaxation	1.1	APHA4500:(NO ₃ -)-B
14.	Iron (as Fe)	mg/l	1.0	No Relaxation	0.2	IS: 3025(Part-53)2003 RA 2019
15.	Copper (as Cu)	mg/l	0.05	1.5	ND(DL-0.01)	IS: 3025(Part-42)
Page:- 1 of 2						

Page:- 1 of 2

Chandradev
(Sr. Chemist)

Analyst

Ambika Rawat
(Quality Manager)

Checked by

Omesh Kumar
(Technical Manager)

AUTHORISED SIGNATORY

Note : * Format No. SAL/7.8F-01 Issue No. 01 Issue Date 05.01.2021 Rev. No. 01 Rev Date:- 26.10.2023

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. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.



SPECTRA TESTING LABS (OPC) PVT. LTD.

(FORMERLY KNOWN AS SPECTRA ANALYTIC LABS) The Result You Can Trust
(An ISO 9001:2015, 14001:2015 OHSAS 45001:2018 Certified & NABL Accredited Laboratory)

Plot No-343/14, Krishna Colony, Sehatpur, Faridabad, Haryana-121003

E-mail : care.spectra@gmail.com | Website : www.Spectraanalyticlabs.com | Ph: 9310207829, 9560653541, 9891225209

TEST REPORT

Report No. DW/0624/22131

Page-2 of 2

16	Hexavalent Chromium (as Cr ⁶⁺)	mg/l	ND(DL-0.01)	0.05	No Relaxation	APHA 3500-13
17	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	ND(DL-0.001)	0.001	0.002	IS:3025(p-43)1988
18	Cyanide (as CN)	mg/l	ND(DL-0.01)	0.05	No Relaxation	IS:3025(p-27)2003
19	Zinc (as Zn)	mg/l	ND(DL-1.0)	5.0	15	IS:3025(p-39)
20	Mineral oil	mg/l	ND(DL-0.01)	0.5	No Relaxation	APHA
21	Arsenic (as As)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-37)
22	Selenium (as Se)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-56)2003
23	Mercury (as Hg)	mg/l	ND(DL-0.001)	0.001	No Relaxation	IS:3025(p-48)2003
24	Cadmium (as Cd)	mg/l	ND(DL-0.001)	0.003	No Relaxation	IS:3025(p-41)
25	Lead (as Pb)	mg/l	ND(DL-0.01)	0.01	No Relaxation	IS:3025(p-47)2003
26	Aluminium(as Al)	mg/l	ND(DL-0.01)	0.03	No Relaxation	IS:3025(p-55)2003
27	Boron (as Cl)	mg/l	ND(DL-0.01)	0.5	1.0	IS:5220(P-13)
28	Ammonic Detergent as (as MBAS)	mg/l	ND(DL-0.1)	0.2	1.0	IS:13428-2005
29	Manganese (as Mn)	mg/l	ND(DL-0.01)	0.1	0.3	IS:3025(p-59)2006
30	Nitrate (as No ₃)	mg/l	2.0	45	No Relaxation	IS:3025(p-34)1988
31	Nickel (as Ni)	mg/l	ND(DL-0.01)	0.02	No Relaxation	IS:3025(p-57)2005
32	Residual free Chlorine	mg/l	0.20	0.20	1	IS:3025(p-26)1986

Microbiological Test

Sr.No.	Test Parameters	Units	Results	Requirement IS:10500-2012	Test Method
1	Coliform	MPN/100ml	Absent	Absent	IS:15185
2	E.Coli -	MPN/100ml	Absent	Absent	IS:15185

End of Report

Chandradev

(Sr. Chemist)

Analyst

Ambika Rawat

(Quality Manager)

Checked by

Omesh Kumar

(Technical Manager)

AUTHORISED SIGNATORY

Note :

* Format No. SAL/7.8F-01 Issue No. 01 Issue Date 05.01.2021 Rev. No. 01 Rev Date:- 26.10.2023

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