

Diary No. 111/2019

B-8

(GOVT.OF NCT DELHI)
QUALITY CONTROL ZONAL LABORATORY
TRANS YAMUNA REGION TAHIRPUR DELHI-93.

NO: DJB/ACWA(TYR)/2019.....

DATE: 03-12-2019

Analysis report of DJB supply sample collected from (1) Inlet near Main gate (2) Outlet near roof at Siddharth International Public School, Dilshad Garden, opposite pkt-B, Delhi-95 for drinking purpose.

Ref No-SIPSDG/83/2019 dated: 25-11-2019.

Date of collection:-29-11-2019

Challan no-331

dated:26-11-2019

S. No.	PARTICULARS	LIMITS	UNIT	RESULT (1)	RESULT (2)
A.	Physical Examination				
1.	Colour		Clear	Clear
2.	Odour	...		Chlo.	Chlo.
3.	Turbidity	(1-5)	NTU	< 2.0	< 2.0
4.	pH Value	(6.5 to 8.5)		7.6	7.6
5.	Electrical Conductivity	--	ms/cm	184	182
6.	Total Dissolved Solids	(500-2000)	mg/l	119	118
B.	Chemical Examination				
1.	P ^h Alkalinity	--	mg/l	Nil	Nil
2.	Total Alkalinity	(200-600)	..	54	54
3.	Free Carbondioxide	--	..	4	4
4.	Total Hardness	(200-600)	..	80	82
5.	Ca Hardness	--	..	54	52
6.	Mg Hardness	--	..	26	30
7.	Calcium as (Ca)	(75-200)	..	21.6	20.8
8.	Magnesium as (Mg)	(30-100)	..	6.24	7.2
9.	Ammonia	(0.5)	..	Nil	Nil
10.	Nitrite	--	..	Nil	Nil
11.	Nitrate	45	..	0.68	0.66
12.	Sulphate	(200-400)	..	25	26
13.	Chloride	(200-1000)	..	8	8
14.	Fluoride	(1.0-1.5)	..	0.20	0.21
15.	Total Iron	(0.3)	..	0.08	0.08
16.	Residual Chlorine	(0.2-1.0)	..	1.0	1.0
C.	Bacteriological Examination				
17.	Coliform count		MPN/100ml	0	0

REMARKS:-On the basis of tested parameters, both water samples confirm BIS: 10500-2012 & can be consider fit for drinking purpose.

[Signature]
A/CHEMIST

[Signature]
K. Singh
5/12/19
CHEMIST

[Signature]
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5/12/19
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