

DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
ZONAL LABORATORY WATER WORKS NANGLOI
TEST REPORT

Dated-24.5.17

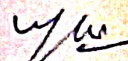
Water sample collected from M/S Columbla foundation senior sec. School D Block Vikaspuri New Delhi for water testing of DJB supply & R.O. vide challan no. 32 dated 15.5.17.

S. N.	Particulars	Units	Limit	S1	S2
1.	Date of collection/receipt	-----	-	17.5.17	
2.	Date of analysis	-----	-	18.5.17	
PHYSICAL EXAMINATION					
1.	Colour	Hazen	5--15	Clear	Clear
2.	Odour		-	No Obj	No Obj
3.	Turbidity	N.T.U.	1---5	1.0	0.76
4.	PH value	-----	6.5--8.5	7.5	7.1
5.	Electrical Conductivity	µmho	--	212	214
6.	Total dissolved solids	mg/l	500-2000	126	126
CHEMICAL EXAMINATION					
1.	Phenolphthalein Alkalinity	mg/l	--	NIL	NIL
2.	Total Alkalinity	mg/l	200--600	68	64
3.	Total Hardness	mg/l	200--600	88	16
4.	Carbonate Hardness	mg/l	--	68	16
5.	Non Carbonate Hardness	mg/l	--	20	NIL
6.	Calcium as Ca	mg/l	75--200	25.6	4
7.	Magnesium as Mg	mg/l	30 --100	5.76	0.96
8.	Ammonia as N	mg/l	0.5-No Relx.	NIL	NIL
9.	Nitrite as N	mg/l	--	NIL	NIL
10.	Nitrate as No ₃	mg/l	45-No Relx.	4.4	30.2
11.	Sulphate	mg/l	200-- 400	48	2.0
12.	Chloride	mg/l	250--1000	12	18
13.	Phosphate	mg/l	--	0.04	0.06
14.	Dissolved Iron	mg/l	0.3- No Relx.	0.06	0.06
15.	Fluoride	mg/l	1--1.5	0.15	0.1
16.	Cyanide	mg/l	0.05-No Relx.	Abs	Abs
17.	Residual Chlorine	mg/l	0.2--1.0	0.25	NIL
BACTERIOLOGICAL EXAMINATION					
1.	Coli-form per 100 ml at 37°C	MPN	0	0	0

REMARKS:- On the Basis of above parameters tested Sample S1 & S2 can be used for drinking purpose.


Bacteriologist


Chemist


ACWA