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16/8/21

DELHI JAL BOARD
(GOVT OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
WATER TREATMENT PLANT NANGLOI DELHI - 110041

Water sample collected from " Bal Vidya Model School" B-247, Laxmi park, Nangloi,
New Delhi -110041 vide challan no-57 Dated-08.07.2021.

S.No.	Parameters	Units	Limit		SI
			Acceptable	Permissible	
PHYSICAL EXAMINATION					
1	Date of Collection	---	---	---	08.08.2021
2	Date of analysis	---	---	---	08.08.2021
3	Colour	Hazen	5.0	15	Clear
4	Odour	---	No. Objectionable		No. Ob.
5	Turbidity	N.T.U	1.0	5.0	0.05
6	PH Value	---	6.5	8.5	7.0
7	Electrical Conductivity	Micro MOH'S	---	---	250
8	Total Dissolve Solids	Mg/L	500	2000	12+
Chemical EXAMINATION					
9	Phenolphthalein Alkalinity	Mg/L	---	---	NIL
10	Total Alkalinity	Mg/L	200	600	80
11	Total Hardness	Mg/L	200	600	100
12	Calcium Hardness	Mg/L	---	---	40
13	Magnesium Hardness	Mg/L	---	---	40
14	Calcium as Ca	Mg/L	75	200	34
15	Magnesium as Mg	Mg/L	30	100	11.50
16	Ammonia as N	Mg/L	0.5	N.R.	NR
17	Nitrite as N	Mg/L	---	---	NR
18	Nitrate as No ₃	Mg/L	45	N.R.	0.38
19	Sulphate	Mg/L	200	400	20
20	Chloride	Mg/L	250	1000	10
21	Dissolve Iron	Mg/L	0.3	N.R.	0.03
22	Fluoride	Mg/L	1	1.5	0.21
23	Cyanide	Mg/L	0.05	N.R.	ND
24	Residual Chlorine	Mg/L	0.20	1.0	NR
BACTERIOLOGICAL EXAMINATION					
25	Coli - form per 100 ml at 37°C	MPN	0		0

Remarks : As per the tested parameters sample S1-can be use for drinking purpose.

Chemist

B.S.S.
Manager
Bal Vidya Model School
B-247, Laxmi Park,
Nangloi, Delhi-110041

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