



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



Water sample collected from "R.D. International School" 297, Nangli Vihar Extn. Baprola,  
New Delhi-110043. Vide Challan No.142 Dated : 22.08.2023.

S. No	Parameter	Units	Limit		SI
			Acceptable	Permissible	
<b>PHYSICAL EXAMINATION</b>					
1.	Date of collection	---	--	--	22.08.2023
2.	Date of Analysis	---	--	--	23.08.2023
3.	Colour	Hazen	5.0	15	Clear
4.	Odour	---	No. Objectionable		No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	1.64
6.	PH value	---	6.5	8.5	7.5
7.	Electrical Conductivity	µmho	--	--	235.4
8.	Total dissolved solids	mg/l	500	2000	141.8
<b>CHEMICAL EXAMINATION</b>					
9.	p <sup>H</sup> Alkalinity	mg/l	--	--	NIL
10.	Total Alkalinity	mg/l	200	600	70
11.	Total Hardness	mg/l	200	600	98
12.	Calcium Hardness	mg/l	--	--	66
13.	Magnesium Hardness	mg/l	--	--	32
14.	Calcium as Ca	mg/l	75	200	26.4
15.	Magnesium as Mg	mg/l	30	100	7.68
16.	Ammonia as N	mg/l	0.5	N.R.	NIL
17.	Nitrite as N	mg/l	--	--	NIL
18.	Nitrate as NO <sub>3</sub>	mg/l	45	N.R.	03
19.	Sulphate	mg/l	200	400	30
20.	Chloride	mg/l	250	1000	16
21.	Dissolved Iron	mg/l	0.3	N.R.	0.04
22.	Fluoride	mg/l	1	1.5	0.04
23.	Cyanide	mg/l	0.05	N.R.	ND
24.	Residual Chlorine	mg/l	0.20	1.0	0.30
<b>BACTERIOLOGICAL EXAMINATION</b>					
25.	Coil-form per 100 ml at 37°C	MPN	0		0

REMARKS : As per tested parameters sample -SI can be use for drinking purpose.

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ACWA 24/08/2023  
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