



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



Water Sample Analysis report of samples collected from "Kamal Model Sr. Sec. School" K-1 Extn., Mohan Garden, New Delhi-110059 Vide Challan No. 171 Dt-25.09.2025.

S1:- Borewell Water (Inlet) at above site.

S2:- Drinking point with (R.O.) at above site.

THE TEST REPORT IS  
FOR THIS PARTICULAR Limit  
WATER SAMPLE ONLY.

S. No.	Particulars	Limit		S1	S2
		Acceptable	Permissible		

PHYSICAL EXAMINATION

1.	Date of collection	-----	--	--	03.10.25
2.	Date of Analysis	-----	--	--	06.10.25
	Colour	CU	5.0	15	Clear
	Odour	-----	No. Objectionable		No Obj.
5.	Turbidity	N.T.U.	1.0	5.0	3.4
6.	PH value	-----	6.5	8.5	7.60
7.	Electrical Conductivity	µmho/cm	--	--	3380
8.	Total dissolved solids	mg/l	500	2000	2197
					148.6

CHEMICAL EXAMINATION

9.	Phenolphthalein Alkalinity	mg/l	--	--	NIL	NIL
10.	Total Alkalinity	mg/l	200	600	360	28
11.	Total Hardness	mg/l	200	600	826	48
12.	Calcium Hardness	mg/l	--	--	322	18
13.	Magnesium Hardness	mg/l	--	--	504	30
14.	Calcium as Ca	mg/l	75	200	128.8	7.2
15.	Magnesium as Mg	mg/l	30	100	120.96	7.2
16.	Ammonia as N	mg/l	0.5	N.R.	NIL	NIL
	Nitrite as N	mg/l	---	--	0.080	NIL
18.	Nitrate as No <sub>3</sub>	mg/l	45	N.R.	40.2	2.8
19.	Sulphate	mg/l	200	400	178	30
20.	Chloride	mg/l	250	1000	810	56
21.	Fluoride	mg/l	1	1.50	0.36	0.16
22.	Dissolve Iron	mg/l	1	N.R.	0.10	0.08
23.	Cyanide	mg/l	0.05	N.R.	ND	ND
24.	Residual Chlorine	mg/l	0.20(min)	1.0	NIL	NIL

BACTERIOLOGICAL EXAMINATION

25.	Coli-form per 100 ml at 37°C	MPN	0	44	0
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REMARKS:- As per tested parameters Sample - S1 cannot be used for drinking purpose whereas sample-S2 can be used for drinking purpose.

*[Signature]*  
Asst. Chief Water Analyst  
DELHI JAL BOARD  
Govt. of N.C.T. Delhi  
Quality Control Laboratory  
Water Works Nangloi, Delhi-41

*[Signature]*  
CHEMIST

*[Signature]*  
BACT.