

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

Chief Water Analyst
DJB
No. 7549
Date: 17/02/17
Nangloi, Delhi-41

Water sample collected from M/s Nathu Ram Convent Sr. Sec. School, Shiv Ram Park, Phase-II, Nilothi More, Nangloi, Delhi-41 on 17/02/17 and are R.O. sample
S₁ - Bore sample, S₂ - R.O. sample

	Particulars	Units	Limit	S ₁	S ₂
1.	Date of collection/receipt			27.02.17	27.02.17
2.	Date of analysis			30.02.17	30.02.17
PHYSICAL EXAMINATION					
1.	Colour	Hazen	5-15	clear	clear
2.	Odour			No obj	No. object. mat.
3.	Turbidity	N.T.U.	1-5	5.0	0.9
4.	PH value		6.5-8.5	7.4	7.0
5.	Electrical Conductivity	µmho		1580	340
6.	Total dissolved solids	mg/l	500-2000	1011	210
CHEMICAL EXAMINATION					
1.	Phenolphthalein Alkalinity	mg/l	--	NIL	NIL
2.	Total Alkalinity	mg/l	200-600	300	120
3.	Total Hardness	mg/l	200-600	520	170
4.	Carbonate Hardness	mg/l	--	320	120
5.	Non Carbonate Hardness	mg/l	--	200	50
6.	Calcium as Ca	mg/l	75-200	100	46.0
7.	Magnesium as Mg	mg/l	30-100	60.8	12.96
8.	Ammonia as N	mg/l	0.5-No Relx.	0.04	NIL
9.	Nitrite as N	mg/l	---	0.08	NIL
10.	Nitrate as NO ₃	mg/l	45-No Relx.	24	22
11.	Sulphate	mg/l	200-400	65	22
12.	Chloride	mg/l	250-1000	232	50
13.	Phosphate	mg/l	---	0.06	0.04
14.	Dissolved Iron	mg/l	0.3-No Relx.	0.06	0.02
15.	Fluoride	mg/l	1-1.5	0.45	0.26
16.	Cyanide	mg/l	0.05-No Relx.	Absent	Absent
17.	Residual Chlorine	mg/l	0.2 - 1.0	NIL	NIL
BACTERIOLOGICAL EXAMINATION					
1.	Coli-form per 100 ml at 37°C	MPN/ 100ml	0	3.6	0

REMARKS:- On the basis of above parameters tested S₁ sample can be used for drinking purpose in the absence of alternate and better sources after proper disinfection. S₂ sample can also be used for drinking purpose if

[Signature]
Bacteriologist

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Analyst
Chemist

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PRINCIPAL
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For Nathu Ram Convent School