

Dated: 26/04/2012
Lab No.: PC-8104/2012

PUBLIC HEALTH WATER TESTING LABORATORY, REWARI
CHEMICAL ANALYSIS OF WATER SAMPLES AS PER IS : 10500:1991

Sender's Address : Sub divisional Engineering
Public Health, sub division no-4 (Rev.)
Source of Sample : Supply of SURAJ SCHOOL, RASGHAN, DELHI ROAD (Rev.)
Sample collected by : S.D.C. est. 11.30 Am.
Sample received on : 26/04/2012 est. 12.10 Pm.

PHYSICAL CHARACTERISTICS

1. Appearance : clear 2. Taste : Agreeable
3. Odour : no objectional 3. Turbidity : Nil

CHEMICAL CHARACTERISTICS

Sr.	Test	Result	IS : 10500 : 1991	
			Acceptable	Cause of Rejection
1.	Total Dissolved Solids	525	500mg/l	2000mg/l
2.	Total Hardness as CaCO_3	300	300mg/l	600mg/l
3.	Calcium as Ca	24	75mg/l	200mg/l
4.	Magnesium as mg	57.6	30mg/l	100mg/l
5.	Phenolphthlein Alk	—		
6.	Methyl Orange Alk	210	200mg/l	600mg/l
7.	Iron as Fe	—	0.3mg/l	1.0mg/l
8.	Chloride as Cl	120	250mg/l	1000mg/l
9.	Sulphate as SO_4	Present	200mg/l	400mg/l
10.	Fluorides as F	—	1.0mg/l	1.5mg/l
11.	Nitrite as NO_2	—	Nil	0.001mg/l
12.	Nitrite as NO_3	—	45mg/l	100mg/l
13.	pH	7.78	6.5 to 8.5	6.5 to 8.5

OPINION

Chemical Analysis Indicates that the water
Sample is POTABLE

(Signature)