

Government of Haryana
Public Health Engineering Water Testing Laboratory,
Panipat - 132103

1. Sender Address :- Dr M.K.K Arya Model School 2. Sources of Water Sample :- T/W at Dr M.K.K School
 Model Town Panipat

3. W/S Collected on Date :- 17/01/2019

4. Received on Date :- 17/01/2019

5. Ref. No :- Mkk/2018/1247-A

6. Lab No:- PC724/01/2019

Memo No :- 47

Date :- 24/01/2019

Physico - Chemical Analysis Report

Substance/Characteristic	Result	Desirable Limit	Maximum Permissible Limit in ppm
		As per IS:10500-2012 Second Revision	
Colour, Hazen Units	Colourless	05	15
Odour	Odourless	Un objectionable	
Taste	Agreeable	Agreeable	
Turbidity, NTU	Nil	1	5
Total Dissolved Solids, mg/l	450	500	2000
Total Hardness, mg/l	440	200	600
Calcium (as Ca) mg/l	120	75	200
Magnesium (as Mg) mg/l	33.6	30	100
Total Alkalinity, mg/l	420	200	600
Chloride (as Cl), mg/l	177.5	250	1000
Fluorides (as F), mg/l	0.44	1	1.5
Sulphates (as So ₄), mg/l	50	200	400
Nitrate (No ₃), mg/l	3.7	45	45
Iron (as Fe), mg/l	0.01	0.3	1.0
pH value	7.51	6.5-8.5	No relaxn.
Arsenic	0.0	0.01	0.01

OPINION

The chemical analysis of the above water sample indicates that tested parameter is within permissible limit hence water is **Potable**.

(Water is suitable for Drinking purpose)

