

# Office of the Food Analyst, Food Laboratory, Jammu

No:- FSSA/J/ 1418

Dated:- 21-01-26

Subject:- Analytical report of the sample of DRINKING WATER.(01).

The analytical report of the sample of Drinking Water received from Principal Maharaja Hari Singh Agricultural Collegiate School Nagbani Jammu on 07/1/26 is as under:-

Analysis Report:-

Sample Description:-The sample was received in a plastic Bottle.

Physical Appearance:-Colourless & free from any visual suspended impurities.

S.No.	Quality Characteristics	Name of the Method of test used	Result	Prescribed Standards as per (a) Food safety and standards (Food Products and food Additives) regulations 2011 (b) As per label declaration for proprietary foods. (c) As per Provisions of the Act, Rules & regulations for both the above.
1.	Suspended Impurities	Physical Appearance	Absent.	Absent
2.	Colour	-----DO-----	Agreeable	Not more than 5 Hazen units/True colour units
3.	Odour	Organoleptic Method	Agreeable	Agreeable
4.	Total Dissolved solids	Gravimetric Method	120.0mg/Litre	Not More than 500mg/litre
5.	Residual free Chlorine	Chemical method	Absent	Not more than 0.2 mg/Litre
6.	Chlorides (as Cl)	Titration method (BIS)	17.73mg/Litre	Not more than 200 mg/Litre
7.	Alkalinity (as Hco <sub>3</sub> )	-----DO-----	133.0mg/Litre	Not more than 200 mg/Litre
8.	Nitrites	A.W. Stewart method	Absent	Not more than 0.02 mg/Litre
9.	PH	PH Meter	7.2	6.5-8.5
10.	Turbidity	Turbidity Meter	ONTU	Not more than 2 Nephelometric turbidity unit (NTU)
11.	Taste	Organoleptic method	Agreeable	Agreeable
Microbiological parameter:-				
1.	Aerobic(Mesophilic) plate count	Fssai Manual	Less than the prescribed limit	Not more than 1x10 <sup>5</sup> CFU/ML
2.	Yeast & Mould	Fssai Manual	Absent	Absent
3.	Coliform count	Fssai Manual	Absent	Absent

Opinion:-The sample conforms to the standards prescribed for be Drinking water falling under Regulation No. 2.10.9(2) of Food Safety and Standards (Food Products Standards and Food Additives) Regulations 2011 read with Indian Standard IS-10500.

FOOD ANALYST  
JAMMU & KASHMIR

Address:-

Principal

Maharaja Hari Singh Agricultural Collegiate School Nagbani

Jammu

Copy to the:-1.Commissioner of Food safety, J&K, Srinagar.