



नेपाल विज्ञान तथा प्रविधि प्रज्ञा-प्रतिष्ठान



नास्ट

Water Analysis Report

Date: 2077-12-05

Date Received: 2077-12*01

Received From: DAV Sushil Kedia Vishwo Bharati Higher Secondary School

Source: Vessel Filter

Location: Jawalakhel, Lalitpur

Lab Code: 12/005

S.N.	Parameters	Test Results	Standards #
Physical Tests			
1.	Temperature (°C)	20	
2.	pH	7.45	6.5-8.5*
3.	Conductivity (μS/cm)	495	1500
4.	Turbidity (NTU)	0.63	5(10)
Chemical Tests			
5.	Total Hardness (as CaCO ₃)	174	500 mg/L
6.	Chloride Content (mg/L)	73.84	250 mg/L
7.	Iron Content (mg/L)	0.20	0.3(3) mg/L
8.	Arsenic Content (mg/L)	ND	0.05 mg/L
9.	Ammonia (mg/L)	0.5	1.5 mg/L
10.	Nitrate (mg/L)	8	50 mg/L
Microbiological Test			
11.	Total Coliform Count	20↑	0/100 mL

Nepal Drinking Water Quality Standard, 2062

ND- Non- Detected >-Greater than

*These Values show lower and upper limit

() refers the acceptable values only when alternatives is not available.

Notes:

- The result refers only to the parameters tested for the sample received in the laboratory for analysis.
- The reproduction of this report wholly or partially cannot be used as evidence in the court of law and should not be used in any advertising media without the written approval of the laboratory.

Comments: The water sample contains Total Coliform Count beyond the standard at the time of analysis.

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