

**SJPNL**  
**WATER TESTING LABORATORY**  
**BULK WATER SUPPLY GUMMA SHIMLA 171018**

Based upon CPHEEO MANUAL  
 [Division.....WSD SHIMLA]

Sample [CRAIGNANO]

Date: -22-08-2025

TIME OF SAMPLING: - 10:20 AM

[Sub Division ...WSSD GUMMA

TIME OF COMENCING: - 02:15 PM

**WATER SAMPLE**

1. Raw Water
2. Filtered Water
- >> 3. Chlorinated Water
4. Distributed System

**A. PHYSICAL TESTS**

Tests	1 Acceptable	2 Cause of Rejection	3 Result of Sample
1. Temp			21°C
2. Turbidity [NTU]	1	5	2.1 NTU
3. Conductivity	.....	.....	328 µS/cm
4. Total Dissolved solids	500	2000	213.2 mg/l

**B. CHEMICAL TEST**

1. PH	7 to 8.5	Less than 6.5 more than 8.5	8.12
2. Total hardness	200	600	148 mg/l
3. Chlorides	250	1000	23.992 mg/l
4. Total Alkalinity	200	400	120 mg/l
5. Residual Chlorine	02-0.5[mg/l desirable]		<b>2.0 mg/l</b>

**C. BACTERIOLOGICAL TESTS**

No of coli form Organisms

After 48 hours MPN in

100 ml water sample

NIL

NIL

.....**NIL**.....MPN

Coli form count should be zero in any sample of 100 ml from water entering the distributed system

Remarks.....

  
Asst. Chemist

Water Test Lab.  
Gumma.

Junior Engineer  
Bulk Water Supply SJPNL  
Gumma, Shimla.

Manager-2  
Bulk Water Supply SJPNL  
Gumma, Shimla.