

# WATER TESTING LABORATORY

Jal Shakti Sub-Division ..... Arki ..... Distt. .... Solan .....

Based Upon 10500-2012

Lab Ref. No. 1829

Date. 13 ..... / ..... 12 ..... / ..... 2024 .....

Name and Address of Sender-AE JAL SHAKTI SUB-DIVISION..... Subathu .....

Name of District ..... Solan ..... Block..... Dharampur ..... Section..... subathu .....

Gram Panchayat..... Jadla ..... Village..... Kalyan .....

Name of Scheme & Source..... D.A.V. Subathu .....

Date & Time of Collection... 10/12/2024 ..... 08:30 ..... am .....

Date & Time of Receipt at Laboratory... 10/12/2024 ..... 10:30 ..... am .....

Date & Time Of Commencing... 10/12/2024 ..... 11:00 ..... am .....

Type of Sample :- 1. Raw Water 2. Filtered Water 3. Chlorinated 4. Distributed system  
(Pvt. Tap, Public stand post) 5. Hand Pump

A.	PHYSICAL TEST :-	1	2	3
Sr. No	TEST	DESIRABLE LIMIT	PERMISSIBLE LIMIT	ACTUAL RESULT
1	Temperature			25 °C
2	Colour	5	15	05
3	Odour	Agreeable	Agreeable	Null
4	Taste	Agreeable	Agreeable	Null
5	Turbidity	1 NTU	5 NTU	01 NTU
6	TDS/ Conductivity	500mg/1	2000gm/1	730 mg/1

**B. CHEMICAL TEST :-**

7	pH	6.5	8.5	7.81 mg/1
8	Total Alkalinity	200mg/1	600 mg/1	310 mg/1
9	Chlorides	250mg/1	1000 mg/1	20.52 mg/1
10	Fluoride	1.5mg/1	1.5mg/1	Null mg/1
11	Nitrate	45mg/1	45mg/1	Null mg/1
12	Sulphate	200mg/1	400mg/1	Null mg/1
13	Total Hardness	200mg/1	600mg/1	415 mg/1
14	Iron	1.0mg/1	0.3mg/1	Null mg/1
15	Manganese	1.0mg/1	0.3mg/1	Null mg/1
16	Total Arsenic	0.01mg/1	0.01mg/1	Null mg/1
17	Residual Chlorine	1.2mg/1	1mg/1	0.1 mg/1

**C. BACTERIOLOGICAL TEST :-**

18	Total Coli -Form	0MNP	0MNP	0 MNP
19	E. Coil/ Thermo Tolerant Coil From	0MNP	0MNP	Null MNP

Remarks : All the water sample tested parameters are in permissible limit.

Assistant Chemist

Water Testing Lab..... Arki .....

For Contt. Jyoti Trading Company

Jr Engineer

Jal shakti Section..... Arki .....

Assistant Engineer

Jal shakti Sub-Division..... Arki .....