

HIMACHAL PRADESH  
JAL SHAKTI VIBHAG

REPORT ON PHYSICAL / CHEMICAL & BACTERIOLOGICAL EXAMINATION OF WATER SAMPLE

LAB NAME:- JS Lab Nurpur

DIV.:- Nurpur

SUB. DIV.:- Jassur

BACT & P/C NO. = 8(School Samples)

DATED :- 15/09/2023

SENDER ADDRESS :-,Principal Sacred Soul Cambridge School Road Teh. Nurpur (Kangra) (H.P.)

DATE & TIME OF COLLECTION W/S :- 12.09.2023, 9.00 A.M.

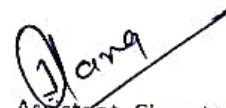
NAME OF SCHEME/SOURCE :-Borewell

BLOCK :- Nurpur		G P :- Aghar			
VILL :- Road		HABITATION :- Tap of Borewell(School Complex)			
DATE & TIME OF ARIVAL AT LAB		12/09/2023, 11:00AM			
DATE & TIME OF W/S EXAMINATION		- do -			
Sr No.	PARAMETER TYPE	QUALITY PARAMETER	BIS PERMISSIBLE LIMIT (P.P.M.)Req.as per BIS 10500:2012	BIS DESIRABLE LIMIT (P.P.M.)Req.as per BIS 10500:2012	ACTUAL LEVEL (P.P.M)/mg/ l
1	CHEMICAL	FLUORIDE	1.5	1.0	0.0
2	do	ALKALINITY	600	200	90
3	do	HARDNESS	600	200	78
4	do	CALICIUM	200	75	29.6
5	do	MEGNESIUM	100	30	3.89
6	do	T.D.S.	2000	500	98
7	do	IRON	1	0.3	0.00
8	do	CHLORIDE	1000	250	18
9	do	RESEDUAL CHLORINE	1.0	0.2	0.00
10	do	NITRATE	45	45	Nil
11	do	SULPHATE	400	200	0.00
12	PHYSICAL	TURBIDITY	5 N.T.U	1 N.T.U	0.00 NTU
13	OTHER	p/H	8.5	6.5	6..59

BACTERIOLOGICAL EXAMINATION

M.P.N. TOTAL COLIFORMS : At 37 degree centigrade, for 48 hours in Mac-Conkey broth culture media	Nil /per 100 ml.
M.P.N OF FAECAL COLIFORMS :	Nil /per 100 ml.
M.P.N of E. Coli :	--/per 100ml.
	--/.per 100ml.

Note: - Coli form count should be zero in any sample of 100 ml. from water entering the distribution system.  
RAMARKS:- As of water sample tested, the parameters within limit.

  
Assistant Chemist,  
Jal Shakti Vibhag Sub-division,  
Nurpur (Kangra)(H.P.).

