

SUB DIVISION WATER TESTING LABORATORY

Public Health Engineering Department Jamai

ANALYSIS REPORT

No. A.E./Lab./P.H.E./Sub Dn. Jamai

Date :- 15/04/2025

Type of sample :- Drinking

PARTICULARS OF SENDER :- Step Forward Public School, Junnardeo.

PARTICULARS OF SAMPLE :- Not Collected by Laboratory Staff, Sub Division Jamai.

Sample No.	Place of Collection & details of sample			Date
	Block	Village	Location	
1	Jamai	Jamai	Hanotiya Road, Ward No. 14	14/04/2025
PARTICULARS TO BE FILLED IN THE LABORATORY				
Date of Receipt : - 14/04/2025			Time of Receipt:- 16:30 PM	
Receipt No : - Q dt. 14/04/2025			Testing Date & Time:- 15/04/2025 & 01:30 PM	

NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL

ANALYSIS

S. No	Characteristics	Unit	As Per BIS- 10500:2012 For Drinking Water		Result
			Requirement t (Desirable Limit)	Permissible Limit in the absence of Alternate Source	
					1

PHYSICAL TESTS

1	Temperature	°C	25.0
2	Turbidity	NTU	1.0	5.0	1.8
3	Odour	Unobjectionable	Objectionable	Unobjectionable

CHEMICAL TESTS

4	pH	pH scale	6.5 to 8.5	No Relaxation	7.52
5	Total Hardness as CaCo3	mg/l	200	600	201
6	Calcium as Ca	mg/l	75	200	57.6
	Magnesium as Mg	mg/l	30	100	14.3
7	Total Alkalinity asCaCO ₃	mg/l	200	600	210
8	Chloride as Cl	mg/l	250	1000	32.4
9	Nitrate as NO ₃	mg/l	45	45	3.44
10	Total Dissolved Solids	mg/l	500	2000	330
11	Iron	mg/l	0.3	1	0.21
12	Sulphate as SO ₄	mg/l	200	400	12.1
13	Fluoride as F	mg/l	1	1.5	0.88
14	Manganese as Mn	mg/l	0.1	0.3	-

BACTERIOLOGICAL TESTS

15	M.PN of Coliform	Per 100 ml	Nil	-
16	Faecal Coliform	Per 100 ml		-

Ind. No. A.E./Lab./P.H.E./Sub Dn. Jamai Date :-

Copy to :- 1. Executive Engineer P.H.E. Division Parasia for information please.

2. Principal, Step Forward Public School, Junnardeo.

PRINCIPAL
Step Forward Public School
Junnardeo

CHEMIST
Water Testing Laboratory
PHE Sub Division
Jamai

Lab Incharge
PHE Sub Division
Jamai

MANAGER
Step Forward Public School
Junnardeo

Assistant Engineer
PHE Sub Division
Jamai