

SUB DIVISION WATER TESTING LABORATORY
Public Health Engineering Department Jamai
ANALYSIS REPORT

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

Date :-

Type of sample :- Drinking

PARTICULARS OF SENDER :- Principal Kendriya Vidyalaya Jamai (Junnardeo)

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

Sample No.	Place of Collection & details of sample			Date
	Block	Town	Location	
1	Jamai	Jamai	Kendriya Vidyalaya, Jamai	29/01/2025

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt :- 29/01/2025	Time of Receipt :- 15:34 PM
Lab reference No :- 19 dt. 29/01/2025	Testing Date & Time:- 30/01/2025 & 11:35 AM

NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL

ANALYSIS

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

PHYSICAL TESTS

1	Temperature	°C			22.3
2	Turbidity	NTU	1.0	5.0	1.9
3	Odour		Unobjectionable	Objectionable	Unobjectionable

CHEMICAL TESTS

4	pH	pH scale	6.5 to 8.5	No Relaxation	6.73
5	Total Hardness as CaCO ₃	mg/l	200	600	118
6	Calcium as Ca	mg/l	75	200	31.4
	Magnesium as Mg	mg/l	30	100	9.80
7	Total Alkalinity as CaCO ₃	mg/l	200	600	90.2
8	Chloride as Cl	mg/l	250	1000	70.6
9	Nitrate as NO ₃	mg/l	45	45	1.87
10	Total Dissolved Solids	mg/l	500	2000	129
11	Iron	mg/l	0.3	1	0.40
12	Sulphate as SO ₄	mg/l	200	400	39.4
13	Fluoride as F	mg/l	1	1.5	0.02
14	Manganese as Mn	mg/l	0.1	0.3	-

BACTERIOLOGICAL TESTS

15	E.Coli	Per 100 ml	Nil
16	Total 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 Kendriya Vidyalaya, Jamai (Junnardeo).

CHEMIST
Water Testing Laboratory
PHE Sub Division
Jamai

Lab Incharge
PHE Sub Division
Jamai

PRINCIPAL
Kendriya Vidyalaya
Jamai (Junnardeo)
Assistant Engineer
PHE Sub Division
Jamai