

Sub Divisional Level Water Testing Laboratory, Panki

Drinking Water and Sanitation Division, Medininagar

Near Police Station, Balumath road, Panki, Palamu

Jharkhand-822122

NABL 139[Criteria for NABL Recognition of Government Drinking

Water Testing Laboratory

Certificate No. NABL-DWT-01432

Email: sdlwtlpanki@gmail.com



Issued to:- HERITAGE INTERNATIONAL SCHOOL

Chiyanki, Medininagar

Daltonganj Palamu

Sample Code: -27/08/Her/Int/Sch/02

Date of Issue: -27/08/2026

Sample Particulars

Sample Name/Description: - Water Sample

Sample Quantity: - 1000ml

Sample pkg. Condition: -Good

Date of Sampling :- 27/08/2026

Sample Receive Date:- 27/08/2026

Sample Collected By:- Customer

Sampling Location:- Chiyanki, Medininagar,
Daltonganj Palamu**Test Result**Environmental Condition :- Temperature = $25 \pm 2^{\circ}\text{C}$ Humidity = $55 \pm 10\%$

Test started on: 27/08/2026

Test completed on: 27/08/2026

Sl. No.	Tested Parameter	Unit	Results	Method	Specification as per ISO 10500:2012 (Second Revision)	
					Acceptable Limit	Permissible Limit (Absence of Alternate source)
1	pH	-	7.20	APHA 24 th Ed.2017-4500-H ⁺ B (Electrometric method)	6.5 – 8.5	No relaxation
2	Total Dissolved Solid (TDS)	mg/L	88	APHA 24 th Ed.2017-2540C. (Dried at 180 ^o C / Instrumental)	500	2000
3	Turbidity	NTU	1.80	APHA 24 th Ed.2017-2130 B (Nephelometric method)	1	5
4	Total Alkalinity as CaCO ₃	mg/L	28	APHA 24 th Ed.2017-2320 B (Titration method)	200	600
5	Total Hardness as CaCO ₃	mg/L	80	APHA 24 th Ed.2017-2340 C (EDTA Titration method)	200	600
6	Calcium as (Ca)	mg/L	19.20	APHA 24 th Ed.2017-3500 Ca B (EDTA Titration method)	75	200
7	Magnesium as (Mg)	mg/L	7.68	APHA 24 th Ed.2017-3500-Mg B (Calculation method)	30	100
8	Chloride as (Cl)	mg/L	32	APHA 24 th Ed. 2017-4500-CL B (Argentometric method)	250	1000
9	Fluoride as (F)	mg/L	0.037	APHA 24 th ED. 2017-4500 F C (Ion Selective electrode method)	1.0	1.5
10	Iron as (Fe)	mg/L	0.18	APHA 24 th ED. 2017-3500 Fe B (1,10-phenanthroline method)	0.3	No Relaxation
11	Color	CU (Hazen)	05	APHA 24 th ED. 2017-2120 B (Visual Comparison method)	05	15
12	Odour	Qualitative	Agreeable	Observation	-	-
13	Taste	Qualitative	Agreeable	Observation	-	-

Note:-Fluoride(F), Iron(Fe) is not Scope in NABL Recog.

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End of the report

Chemist
S.D.L.W.T. Laboratory
Panki, Palamu