

पत्रांक :- 369 (SLW TL / 2020-21) 001 दिनांक:- 8/3/2021

प्रेषक,

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला,

पेय जल एवं स्वच्छता विभाग, राँची, झारखण्ड ।

सेवा में,

The Director,

CHIRANJEEVEE CONCEPT SCHOOL,

Hochar, Kanke, Ranchi - 834006.

**विषय:-** जल जाँच के संबंध में।

**प्रसंग:-** Ref: 13/20-21,

दिनांक – 02/03/2021

महाशय,

उपर्युक्त विषय एवं प्रासंगिक पत्र के संदर्भ में कहना है कि दिनांक – 03/03/2021 को आपके द्वारा दिया गया जल नमूना का रासायनिक एवं जैविक जाँच समपन्न कर जल जाँच प्रतिवेदन आपको समर्पित किया जा रहा है।

अनुलग्नक :- 03 अदद।

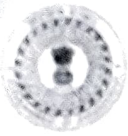
विश्वासभाजन

1- 8/3/2021

Technical Manager

राज्य स्तरीय जल जाँच प्रयोगशाला, राँची।

# State Level Water Testing Laboratory, Ranchi, Jharkhand



## TEST ANALYSIS REPORT

Doc No : SLWTL-QP-4-F31  
Issue No : 01  
Revision No : 00  
Date : 05/03/2020



Certificate No. - TC - 7351

Issued to : - The Director CHIRANJEEV CONCEPT SCHOOL, Hochbar, Kanke, Ranchi - 834006, Jharkhand	Sample Code : - 210303-GW-A-004 Report ID : - TC 735121000000270F Date of Issue : - 08/03/2021 Customer Reference No. : - SLR/CLR/MARCH-21/003
Sample No. : - 01 - Drinking Water	

Sample Particulars	Details of Sampling
Sample Name/Description : - Ground Water. Sample Quantity : - 1 Lit. Sample pkg. Condition : - Good.	Date of sampling : - N/A Sample Received date : - 03/03/2021 Sample collected by : - Customer Sampling Location : - Final Outlet

Discipline: Chemical

Test started on : - 03/03/2021      Test completed on :- 06/03/2021

Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS - 10500:2012 (Second Revision) Amendment - June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	-	7.31	APHA 23 <sup>rd</sup> Ed.2017-4500-H <sup>+</sup> B, (Electrometric method)	6.5 - 8.5	No relaxation
2	Total Dissolved Solids at 180 <sup>o</sup> C	mg/L max	84	APHA 23 <sup>rd</sup> Ed.2017-2540 C, (Total Dissolved Solids Dried at 180 <sup>o</sup> C)	500	2000
3	Turbidity	NTU max	0.5	APHA 23 <sup>rd</sup> Ed.2017-2130 B, (Nephelometric method)	1	5
4	Colour	Hazen unit	5	APHA 23 <sup>rd</sup> Ed.2017-2120 B, (Visual Comparison method)	5	15
5	Total Alkalinity as CaCO <sub>3</sub>	mg/L max	48	APHA 23 <sup>rd</sup> Ed.2017-2320 B, (Titration method)	200	600
6	Total Hardness as CaCO <sub>3</sub>	mg/L max	56	APHA 23 <sup>rd</sup> Ed.2017-2340 C, (EDTA Titration method)	200	600
7	Calcium as Ca	mg/L max	11.2	APHA 23 <sup>rd</sup> Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
8	Magnesium as Mg	mg/L max	6.80	APHA 23 <sup>rd</sup> Ed.2017-3500-Mg B, (Calculation method)	30	100
9	Chloride as Cl	mg/L max	17.73	APHA 23 <sup>rd</sup> Ed.2017-4500 Cl <sup>-</sup> B, (Argentometric method)	250	1000
10	Fluoride as F	mg/L max	0.53	APHA 23 <sup>rd</sup> Ed.2017-4500 F <sup>-</sup> C, (Ion selective electrode method)	1.0	1.50
11	Nitrate as NO <sub>3</sub>	mg/L max	1.48	APHA 23 <sup>rd</sup> Ed.2017-4500 NO <sub>3</sub> <sup>-</sup> B, (Ultraviolet spectrophotometric screening method)	45	No relaxation
12	Iron as Fe	mg/L max	0.05	APHA 23 <sup>rd</sup> Ed.2017-3500 Fe B, (1,10-phenanthroline method)	1.0	No relaxation
13	Arsenic as As	µg/L max	-	IS : 3025(part-2)-2004	10	No relaxation

Remarks:- The submitted sample of water confirm to IS - 10500 with respect to above test.

Specific contractual notes: -

- ◆ The results listed refer only to the tested sample and applicable parameter
- ◆ This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- ◆ Tested Sample shall be retained up to Fifteen Days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ NOTE:-BDL=Below Detection Limit.

Authorised Signatory  
 (Technical Manager)

## State Level Water Testing Laboratory, Ranchi, Jharkhand



### TEST ANALYSIS REPORT

Doc No.: SLWTL-QP-4-131  
Issue No : 01  
Revision No. : 00  
Date : 05.03.2020

**Issued to :** - The Director,  
CHIRANJEEVEE CONCEPT SCHOOL,  
Hochar, Kanke, Ranchi – 834006, Jharkhand.

**Sample Code:** - 210303-GW-A-004  
**Report ID :** - TC735121000000270F  
**Date of Issue:** - 08/03/2021  
**Customer Reference No. :** - SLR/CLR/MARCH-21/003

**Sample No. :- 01** – Drinking Water.

#### Sample Particulars

**Sample Name/Description:** - Ground Water.  
**Sample Quantity :** - 1 Lit.  
**Sample pkg. Condition :** - Good.

#### Details of Sampling

**Date of sampling :** - N/A  
**Sample Received date:** - 03/03/2021  
**Sample collected by:** - Customer  
**Sampling Location:** - Final Outlet

**Discipline:** Chemical

**Test started on:** - 03/03/2021


**Test completed on :-**

06/03/2021

Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) <b>Amendment – June 2015</b>	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
01	Arsenic as As	µg/L max	BDL	IS : 3025(part-37)-1988, (Silver Diethyldithiocarbamate SDDC-method)	10	No relaxation

Specific contractual notes: -

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- ◆ This report can not be reproduced, except when in full, without the written permission of the Lab In-charge
- ◆ Tested Sample shall be retained up to Fifteen Days from the date of issue of the certificate.
- ◆ The liability of the laboratory is limited to the invoiced amount.
- ◆ All disputes are subjected to the Ranchi Jurisdiction.
- ◆ **NOTE:-BDL=Below Detection Limit.**

  
**Authorised Signatory  
(Technical Manager)**

-----End of the Report---

## HYGIENE AND SANITARY CONDITION CERTIFICATE

Ref No: 59

Date: 16/03/2021

It is certified that DR. MD. AHSAN from community Health center (CHC), Kanke , Ranchi inspected premises of Chiranjeevee Concept school, Hochar, Kanke, Ranchi on 16/03/2021 and found that Chiranjeevee Concept School has hygiene and sanitary facilities for the students and members of staff of the institution and is maintaining hygienic sanitation condition in the school building & the campus as per the norms prescribed by the Central/State/U.T Government.

The above certificate is valid for a period of one (1) Year.

Signature with seal: Ahsan

16-अधिकारी प्रमुखिकारी  
प्राथमिक स्वास्थ्य केंद्र, कान्के, राँची

Name: DR. MD. AHSAN

Disignation: MEDICAL OFFICER [CHC KANKE]