

अनुसंधान, परीक्षण एवं कॅलिब्रेशन प्रयोगशाला

RESEARCH, TESTING AND CALIBRATION LABORATORY

RTC

LABORATORY

(A Division of Metal Handicrafts Service Centre)

वस्त्र मंत्रालय, भारत सरकार के नियन्त्रणाधीन
(Under Control of Ministry of Textiles Govt. of India,)

Peetal Nagri, Rampur Road, Moradabad -244001 (U.P.) INDIA

Website : www.metalfinishanddesign.in



e-mail : rtclindia@gmail.com

☎ : +91-591-2460864

Telefax : +91-591-2460131

TEST REPORT

Date of TR : 15.07.2022

Date of Test Start : 07.07.2022

Date of Test End : 14.07.2022

Page 1 of : 3

TR REF. No. : RTCL - 33703 / 2022 - 23 / Q2C- 2223070000669

ULR No. : TC6683220000001152

Customer Ref. : 584 DATED : 07.07.2022

Customer Name : M/s OFFICE OF THE GENERAL MANAGER [WATER]

Address : NAGAR NIGAM ,NEAR PILI KOTHI CIVIL LINES
MORADABAD - 244001

Tel. No. : 9105955528

Contact Person : Mr. ANIL KUMAR

Sample Information

* Sample Description : MINI TUBE WELL WATER
(V.K.S SCHOOL MANDI SAMITI)

* Qty. Submitted : 01(ONE) NO.2 LTRS.

* Date of Receipt : 07.07.2022

* Colour : COLOURLESS

* Ref. No. : 584

* Style No. / Article No. : NA

* Type of Test Required : WATER PARAMETERS EXCEPT BL TEST,
AS SPECIFIED BY CUSTOMER* Deviation if any from
the standard including
environmental condition : N.A.

Order No. : N.A.

Buyer Name : N.A.

Buying House : N.A.

Country of
Destination : N.A.

Country Origin : INDIA

SKU No./ Item No. : NA

Sample from :(RM / In process / Finished Product) :- N.A.

034813

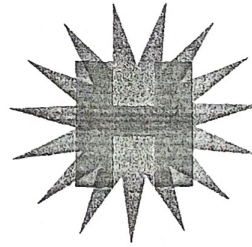


CERTIFICATE No. - TC-6683

डॉ० सत्यन कुमार, Director/General Manager
नगर निगम/General Manager
एन०एच०एस०सी०/M.H.S.C.
मुताबाद (उ०प्र०)/Moradabad (U.P.)
244001 / 244001

Contd..2

[NABL ACCREDITED LABORATORY AS PER ISO/IEC:17025-2017]



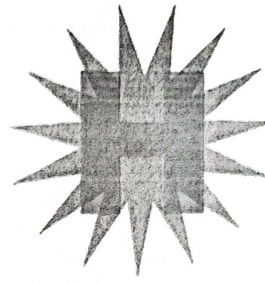
TR REF. No. : RTCL - 33703 / 2022 - 23 / Q2C- 2223070000669

RESULT : Type of Test Conducted : - Water Parameters Except BL Test.

TEST METHOD : APHA 23rd ED17, IS : 3025 & ASTM D:1976:2012

Sample Discription : MINI TUBE WELL WATER (V.K.S SCHOOL MANDI SAMITI)

| Type of Test Conducted | Test Results | Limits IS:10500 | | Conformity |
|---------------------------------|-----------------|-----------------|-----------------|------------|
| | | Acceptable | Pemissible | |
| p ^H | 7.67 | 6.5 to 8.5 | 6.5 to 8.5 | Yes |
| COLOUR | < 5.0 Hazan | 5.0 Max. | 5.0 Max. | Yes |
| ODOUR | Unobjectionable | Unobjectionable | Unobjectionable | Yes |
| TOTAL DISSOLVED SOLIDS (T.D.S.) | 56.2 mg / L | 500.0 Max. | 2000 Max. | Yes |
| TURBIDITY | <1.0 NTU | 1.0 Max. | 1.0 Max. | Yes |
| CHLORIDE | 42.8 mg / L | 270.0 Max. | 1000 Max. | Yes |
| TOTAL HARDNESS | 51.9mg / L | 200.0 Max. | 600 Max. | Yes |
| CALCIUM (Ca) | 50.7 mg / L | 75.0 Max. | 200 Max. | Yes |
| ALKALINITY | <10.0 mg / L | 200.0 Max. | 200.0 Max. | Yes |
| SULPHATE | <10.0 mg / L | 200.0 Max. | 400.0 Max. | Yes |
| FLUORIDE(F) | <0.01 mg / L | 0.1 Max | 1.80 Max | Yes |
| CYANIDE | <0.01 mg / L | 0.05 Max. | 0.05 Max. | Yes |
| NITRATE | 0.98 mg / L | 45.0 Max. | 45.0 Max. | Yes |
| LEAD (Pb) | <0.005 mg / L | 0.01 Max. | 0.01 Max. | Yes |
| CADMIUM (Cd) | <0.003 mg / L | 0.003 Max. | 0.003 Max. | Yes |
| MAGNESIUM (Mg) | 15.9 mg / L | 30.0 Max. | 100 Max. | Yes |
| IRON (Fe) | <0.01 mg / L | 0.3 Max. | 0.3 Max. | Yes |
| NICKEL (Ni) | <0.01 mg / L | 0.02 Max. | 0.02 Max. | Yes |
| MANGANESE (Mn) | <0.01 mg / L | 0.1 Max. | 0.3 Max. | Yes |
| COPPER (Cu) | 0.04 mg / L | 0.05 Max. | 1.5 Max. | Yes |
| CHROMIUM (Cr) | <0.01 mg / L | 0.05 Max. | 0.05 Max. | Yes |
| ZINC (Zn) | 0.07 mg / L | 5.0 Max. | 15.0 Max. | Yes |
| ARSENIC (As) | <0.01 mg / L | 0.01 Max. | 0.01 Max. | Yes |
| ALUMINIUM (Al) | <0.01 mg / L | 0.03 Max. | 0.2 Max. | Yes |



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CONCLUSION / REMARKS : Except P^H, Colour, Odour, Taste & Turbidity all limits are in mg /L.
: mg /L - miligram per litre
: 1 mg/kg = 1 ppm (PART PER MILLION)= 0.0001%

The tested water is free from any Toxic Content,
However RTCL does not fully cover the specification of BIS
for Drinking water IS : 10500 : 2012, (Second Revision).

Note :

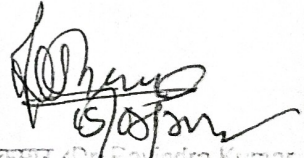
1. Taste of the Sample is Agreeable .

2. The test results relate only to the Item(s) tested & we do not accept any Legal Liabilities.
3. This report is not to be reproduced wholly or in part and can not be used as an Evidence in the Court of Law & should not be used in any Advertising Media without prior permission of the Centre in writing.
4. Sr. No-1 Note is out of NABL Accredited.

SAMPLE NOT DRAWN BY RTCL

Authorised Signatory

END OF REPORT


डा० रविन्द्र कुमार/Dr. Ravindra Kumar
महाप्रबन्धक/General Manager
(Dr. R.K. SHARMA)
एम०एच०एस०सी०/ M.H.S.C.
GENERAL MANAGER
मुरादाबाद (उ०प्र०)/Muradabad (U.P.)
244001 / 91-591-2460131
rtclindia@gmail.com

Facilities available at R.T.C.L. : -

- *Testing :- Lead & Cadmium Leaching, Total Lacquer Quality Test (Salt Spray, Humidity, Pin Hole, Adhesion etc.) Metallic & Non - Metallic Coating Thickness (Silver, Copper, Nickel, Zinc & Chrome etc. and Paint, Powder & Lacquer), Metal & Metal Alloys Composition, Drop Test & Bursting Test
- *Any Other problem in the field of Metal Finishing, Casting & Forming, Water & Waste Water Testing.
- *Consignment Inspection, Expert Opinion & Handicrafts Product Test as per Buyer Protocol.

SRS -

(Under Control of Development Commissioner (Handicrafts), Ministry of Textiles, Govt. of India, New Delhi)

034813

[ISO/IEC:17025:2017 Accredited Testing Laboratory by NABL vide Certificate Number TC-6683]

Listed with ASTM International Directory of Testing Labs

Pls. refer the website www.nabl-india.org to view our scope of Accredited Tests.