

# अनुसंधान, परीक्षण एवं कॅलिब्रेशन प्रयोगशाला

## RESEARCH, TESTING AND CALIBRATION LABORATORY

### RTC

### LABORATORY

(A Division of Metal Handicrafts Service Centre)

वस्त्र मंत्रालय, भारत सरकार के नियंत्रणाधीन

(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

TR REF. No. : RTCL - 33703 / 2022 - 23 / Q2C- 2223070000673

Date of Test Start : 07.07.2022

ULR No. : TC6683220000001156

Date of Test End : 14.07.2022

Customer Ref. : 584 DATED : 07.07.2022

Page 1 of : 3

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 : HAND PUMP WATER  
(ASHEYANA II NEAR TAP TEMPLE)

Order No. : N.A.

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

Buyer Name : N.A.

\* Date of Receipt : 07.07.2022

Buying House : N.A.

\* Colour : COLOURLESS

Country of  
Destination : N.A.

\* Ref. No. : 584

Country Origin : INDIA

\* Style No. / Article No. : NA

SKU No./ Item 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.

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

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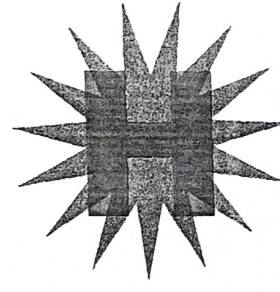
CERTIFICATE No. - TC-6683

*Anil Kumar*  
15/07/2022

General Manager  
M/s Office of the General Manager  
Nagar Nigam, Moradabad (U.P.)  
244001

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





TR REF. No. : RTCL - 33703 / 2022 - 23 / Q2C- 2223070000673

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

TEST METHOD : APHA 23<sup>rd</sup> ED17, IS : 3025 & ASTM D:1976:2012

Sample Discription : HAND PUMP WATER (ASHEYANA II NEAR TAP TEMPLE)

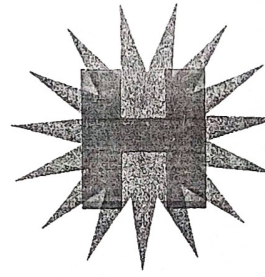
Type of Test Conducted	Test Results	Limits IS:10500		Conformity
		Acceptable	Pemissible	
p <sup>H</sup>	7.88	6.5 to 8.5	6.5 to 8.5	Yes
COLOUR	< 5.0 Hazan	5.0 Max.	5.0 Max.	Yes
ODOUR	Unobjectionable	Unobjectionable	Unobjectionable	Yes
TOTAL DISSOLVED SOLIDS (T.D.S.)	55.6 mg / L	500.0 Max.	2000 Max.	Yes
TURBIDITY	<1.0 NTU	1.0 Max.	1.0 Max.	Yes
CHLORIDE	42.5 mg /L	270.0 Max.	1000 Max.	Yes
TOTAL HARDNESS	57.6 mg /L	200.0 Max.	600 Max.	Yes
CALCIUM (Ca)	55.9 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	0.25 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)	14.8 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)	0.03 mg /L	0.05 Max.	1.5 Max.	Yes
CHROMIUM (Cr)	<0.01 mg /L	0.05 Max.	0.05 Max.	Yes
ZINC (Zn)	0.05 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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*(Signature)*  
 डॉ० राजेश कुमार, Dr. Rajendra Kumar  
 महाप्रबन्धक/General Manager  
 एम.एस.सी./M.H.S.C.  
 मुराबाद (उ.प्र.)/Moradabad (U.P.)  
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Page 3 of : 3

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CONCLUSION / REMARKS : Except P<sup>H</sup>, 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 :

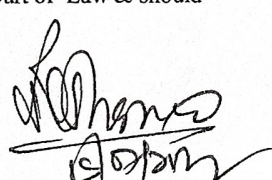
1. Taste of the Sample is Agreeable .

- 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**

  
डॉ० रविंद्र कुमार / Dr. Ravindra Kumar  
महाप्रबन्धक / General Manager  
(Dr. R.K. SHARMA)  
एम०एच०एन०सी० / M. H. S. C.  
दुरावादाय (उ०प्र०) / Mohadabad (U.P.)  
244001 9144591 - 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)

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[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](http://www.nabl-india.org) to view our scope of Accredited Tests.