



CHENNAI METTEX LAB PRIVATE LIMITED

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032.



TC-5589

TEST REPORT

Page No. 1 of 2

ISSUED TO : M/s. Krishna Electrical Agency,

T.C Date : 10.04.2025

Ground Floor, 137, Shop No.7,
Govindappa Naicken Street,
Sowcarpet, Chennai-600 001,
Tamil Nadu, India.

T.C No : CML/25-26/T002102

ULR-TC558925000023480F

Date Of Receipt : 06.04.2025

Cust. Ref : Mail Dated : 05.04.2025

Completed On : 09.04.2025

Lab No : 2600928/004

Sample Description : Multi Strand Braided Copper Wire Bare (Copper Rope)- 70 mm Square x 100 Mtr.
(as stated by customer) Customer : M/s. Airport Authority of India, O/o GM CNS, IGI Airport, Palam,
New Delhi, South west Delhi, Delhi - 110 037.

Discipline : Chemical

Group : Metals & Alloys

Chemical Analysis :		Test Method : IS 3685-1966, CML/W/SOP/052
S. No	Characteristic test	Findings
1	Palladium as Pd	BDL (DL : 0.5 mg/kg)
2	Ruthenium as Ru	BDL (DL : 0.5 mg/kg)
3	Iridium as Ir	BDL (DL : 0.5 mg/kg)
4	Platinum as Pt	BDL (DL : 0.5 mg/kg)
5	Bismuth as Bi	BDL (DL : 0.5 mg/kg)
6	Gold as Au	BDL (DL : 0.3 mg/kg)
7	Osmium as Os	BDL (DL : 0.5 mg/kg)
8	Tin as Sn	< 0.010 %
9	Iron as Fe	BDL (DL : 0.5 mg/kg)
10	Rhodium as Rh	BDL (DL : 0.5 mg/kg)
11	Selenium as Se	BDL (DL : 0.5 mg/kg)
12	Tellurium as Te	BDL (DL : 0.5 mg/kg)
13	Zirconium as Zr	BDL (DL : 0.5 mg/kg)
14	Cobalt as Co	BDL (DL : 0.5 mg/kg)
15	Beryllium as Be	BDL (DL : 0.5 mg/kg)
16	Aluminium as Al	BDL (DL : 0.5 mg/kg)
17	Arsenic as As	BDL (DL : 0.5 mg/kg)
18	Antimony as Sb	0.0013 %

Note: 1. 1mg/kg = 1 ppm ; 2. BDL = Below Detection Limit ; DL = Detection Limit.

Contd...2

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing .. except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced Except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.



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Contd T.C No : CML/25-26/T002102 ULR-TC558925000023480F Dated : 10.04.2025 Page No. 2 of 2

Chemical Analysis :		Test Method : IS 3685-1966, CML/W/SOP/052
S. No	Characteristic test	Findings
19	Zinc as Zn	0.39 %
20	Cadmium as Cd	BDL (DL : 0.5 mg/kg)
21	Nickel as Ni	0.008 %
22	Lead as Pb	0.021 %
23	Silver as Ag	0.004 %
24	Copper as Cu	99.95 %
Note: 1. 1mg/kg = 1 ppm ; 2. BDL = Below Detection Limit ; DL = Detection Limit.		

End of Report

For Chennai Mettex Lab Private Limited




Reviewed & Authorised by
E. RANJITH
Engineer
Authorised Signatory

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