



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/T002099

ULR-TC558925000023478F

Date Of Receipt : 06.04.2025

Cust. Ref : Mail Dated : 05.04.2025

Completed On : 09.04.2025

Lab No : 2600928/002

Sample Description : Copper Wire (Non-Standard) 4 mm Square 1960 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.

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	BDL (DL : 0.5 mg/kg)

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

Contd...2

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Chemical Analysis :		Test Method : IS 3685-1966, CML/W/SOP/052
S. No	Characteristic test	Findings
19	Zinc as Zn	0.453
20	Cadmium as Cd	BDL (DL : 0.5 mg/kg)
21	Nickel as Ni	0.0019 %
22	Lead as Pb	0.0034 %
23	Silver as Ag	0.0024 %
24	Copper as Cu	99.52 %

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

End of Report

For Chennai Mettlex Lab Private Limited

Reviewed & Authorised by
E. RANJITH
Engineer
Authorised Signatory

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