

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-25 15:02:12

Date of Next Testing: 2029-08-24 15:02:12

Product Name: **Silver coated Copper Powder**

CAS Number:

Specifications & Purity: Ag:10-14% , D50:3.2-4.3 μ m , Specific surface area: 0.2-0.45m²/g

Lot #: H2511603

SKU #: **S776874**

Version: **2**

Analysis #: **501270**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Silver(Ag)	10-14 (%)	12.66000 %
Size Distribution(PSD D10)	1.5-2.8 (μ m)	2.64000
Size Distribution(PSD D100)	$\leq$ 10 (μ m)	9.86000 μ m
Heat loss(110°C)	$\leq$ 0.10 (%)	0.01400 %
Tap density	4.5-5.50 (g/cm ³)	4.93000 g/cm ³
Specific Surface Area	0.2-0.45 (m ² /g)	0.23000 m ² /g
Size Distribution(PSD D50)	3.2-4.3 (μ m)	3.92000 μ m
Size Distribution(PSD D90)	4.5-7.5 (μ m)	6.69000 μ m
Appearance(S776874)	Pale powder	Pale powder
ICP: Confirms Ag and Cu Component	Confirmed	Confirmed



John Su
QA & QC Manager