

## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Copper nanopowder, APS 20-50nm, 99.9% (metals basis)
<b>Cat. No.:</b>	1251158
<b>CAS No.:</b>	7440-50-8
<b>Molecular Formula:</b>	Cu
<b>Molecular Weight:</b>	63.55
<b>Chemical Structure:</b>	

# Cu

### Batch Information

<b>Batch No.:</b>	Lf0707145340
<b>Storage:</b>	RT, stored under nitrogen
<b>Mfg. Date:</b>	2022-07-26
<b>Retest Date:</b>	2025-07-25
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Brown to reddish brown (Solid)
<b>Purity:</b>	≥99.0%
<b>Particle Size:</b>	20-50nm
<b>O:</b>	260 ppm
<b>Bi:</b>	0.0003 %
<b>Fe:</b>	0.0012 %
<b>Sn:</b>	0.0006 %
<b>As:</b>	0.0008 %
<b>Sb:</b>	0.0010 %
<b>Pb:</b>	0.0002 %
<b>Ni:</b>	0.0020 %

**Conclusion:** The product has been tested and complies with the given specifications.

**Caution:** Research use only and are not intended for human use.

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