

## Specification Sheet

### Nano Copper Powder

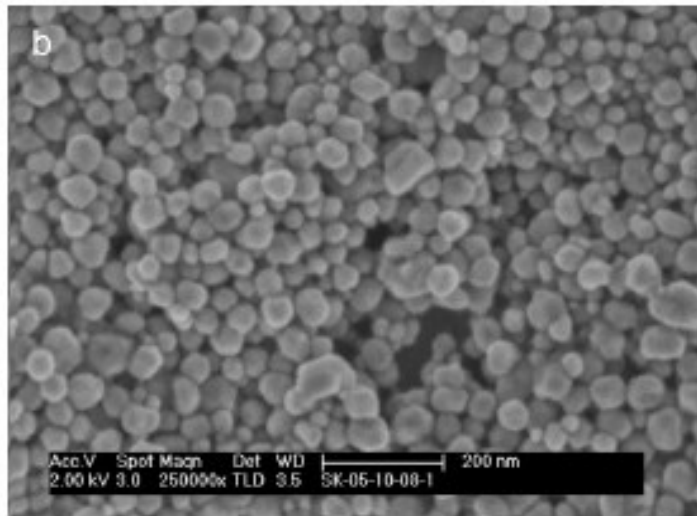
(Cu, Purity: 99.9%, APS: 80-100nm)

Stock No: NS6130-01-128, CAS: 7440-50-8

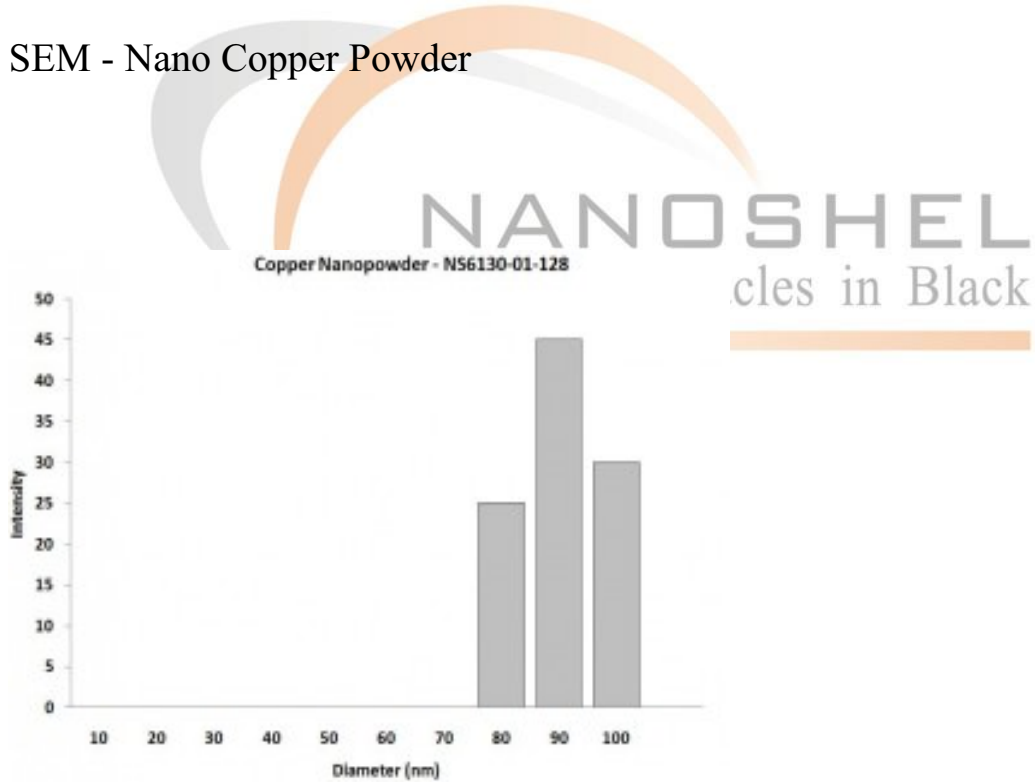
|                              |   |                            |
|------------------------------|---|----------------------------|
| <b>Product</b>               | : | <b>Nano Copper Powder</b>  |
| Stock No                     | : | NS6130-01-128              |
| CAS                          | : | 7440-50-8                  |
| Purity                       | : | 99.9%                      |
| APS                          | : | 80-100nm                   |
| Molecular Formula            | : | Cu                         |
| Molecular Weight             | : | 63.546 g/mol               |
| Form                         | : | Powder                     |
| Color                        | : | Dark Brown/Very Dark Brown |
| Density                      | : | 8.96 g/cm <sup>3</sup>     |
| Melting Point                | : | 1084.6 °C                  |
| Boiling Point                | : | 2562 °C                    |
| Solubility                   | : | Insoluble in water         |
| <b>Main Inspect Verifier</b> | : | <b>Manager QC</b>          |

**Note:** Product Specification are subject to amendment and may change over time

## Characterization of Nano Copper Powder



## SEM - Nano Copper Powder



## Particles Size Analysis - Copper Nanopowder