

## Specification Sheet

### Silver Nanopowder

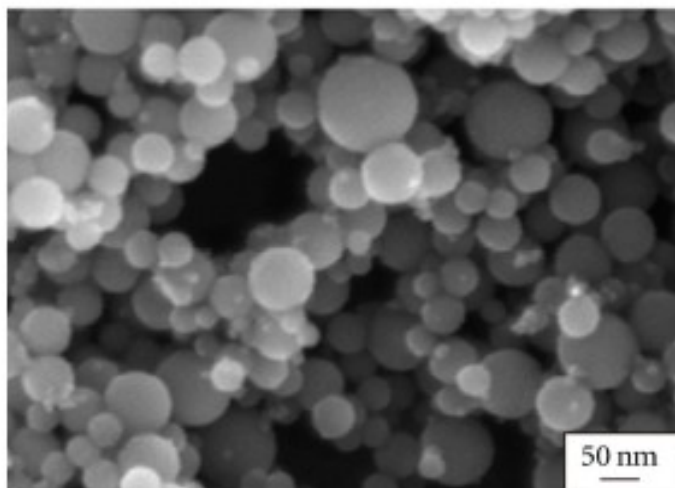
(Ag, Purity: 99.9%, APS: 20nm)

Stock No: NS6130-01-104, CAS: 7440-22-4

|                              |   |                          |
|------------------------------|---|--------------------------|
| <b>Product</b>               | : | <b>Silver Nanopowder</b> |
| Stock No                     | : | NS6130-01-104            |
| CAS                          | : | 7440-22-4                |
| Purity                       | : | 99.9%                    |
| APS                          | : | 20nm                     |
| Molecular Formula            | : | Ag                       |
| Molecular Weight             | : | 107.87 g/mol             |
| Form                         | : | Powder                   |
| Color                        | : | Dark Gray                |
| Density                      | : | 10.49 g/cm <sup>3</sup>  |
| Melting Point                | : | 960.8 °C                 |
| Boiling Point                | : | 2162 °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 Silver Nanopowder



### SEM - Silver Nanopowder



### Particles Size Analysis - Ag Nanoparticles