

## Specification Sheet

### Aluminum Nanopowder

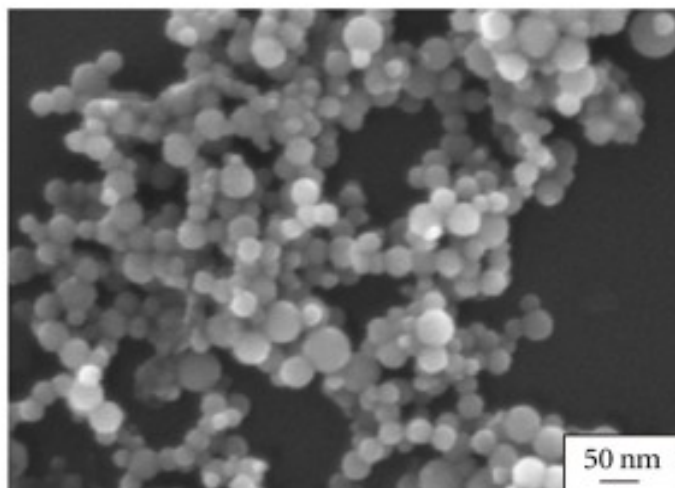
(Al, Purity: 99.9%, APS: 70nm)

Stock No: NS6130-01-106, CAS: 7429-90-5

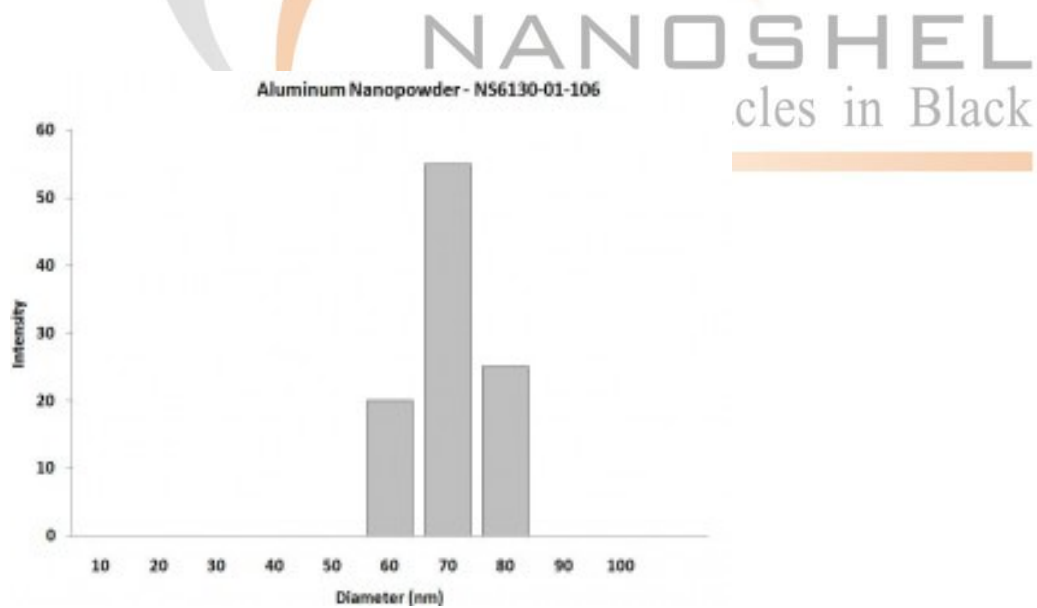
|                              |   |                             |
|------------------------------|---|-----------------------------|
| <b>Product</b>               | : | <b>Aluminium Nanopowder</b> |
| Stock No                     | : | NS6130-01-106               |
| CAS                          | : | 7429-90-5                   |
| Purity                       | : | 99.9%                       |
| APS                          | : | 70nm                        |
| Molecular Formula            | : | Al                          |
| Molecular Weight             | : | 26.9815 g/mol               |
| Form                         | : | Powder                      |
| Color                        | : | Black Grey                  |
| Density                      | : | 2.70 g/cm <sup>3</sup>      |
| Melting Point                | : | 660.32 °C                   |
| Boiling Point                | : | 2470 °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 Aluminum Nanopowder



### SEM - Aluminum Nanoparticles



### Particles Size Analysis - Al Nanopowder