

## Specification Sheet

### Cadmium Sulfide Nanoparticles

Stock No: NS6130-02-254, CAS: 1306-23-6

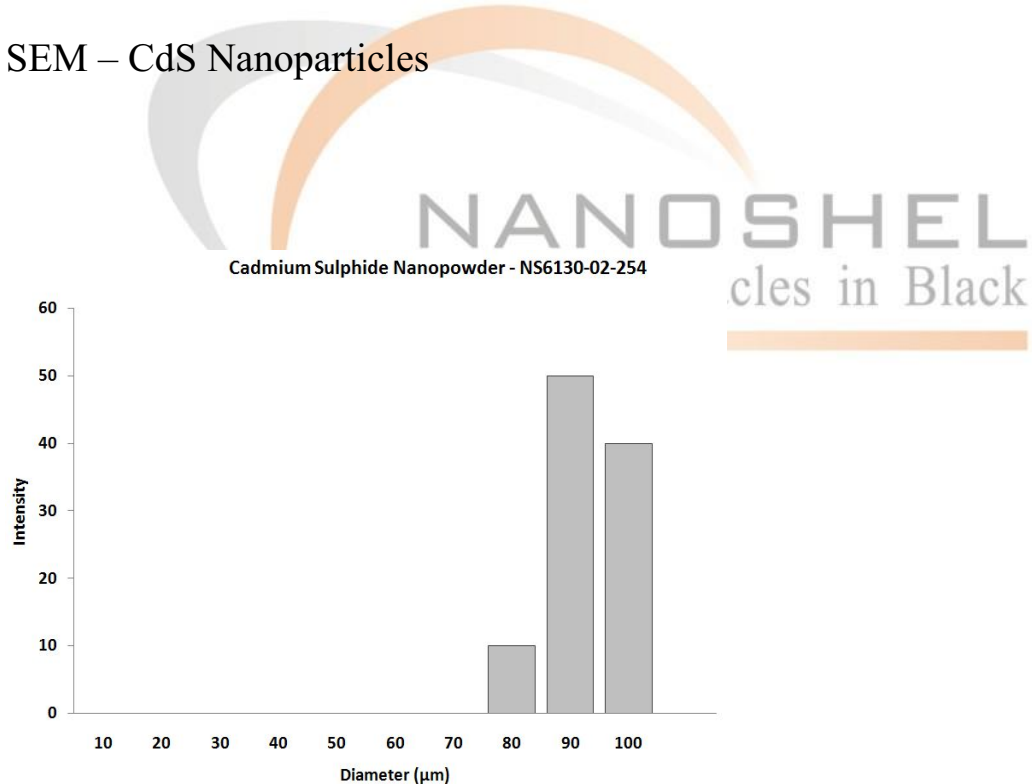
|                              |   |                                   |
|------------------------------|---|-----------------------------------|
| <b>Product</b>               | : | <b>Cadmium Sulfide Nanopowder</b> |
| Stock No.                    | : | NS6130-02-254                     |
| CAS                          | : | 1306-23-6                         |
| APS                          | : | 90-100 $\mu$ m                    |
| Purity                       | : | 99.9 %                            |
| Molecular Formula            | : | CdS                               |
| Molecular Weight             | : | 144.47 g/mol                      |
| Color                        | : | Black                             |
| Density                      | : | 4.82 g/cm <sup>3</sup>            |
| Melting Point                | : | 1750 °C                           |
| Boiling Point                | : | 980 °C                            |
| <b>Main Inspect Verifier</b> | : | <b>Manager QC</b>                 |

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

## Characterization of Cadmium Sulfide Nanoparticles



SEM – CdS Nanoparticles



CdS Nanopowder – Size Analysis