

## Specification Sheet

### Graphite Nanoplatelets

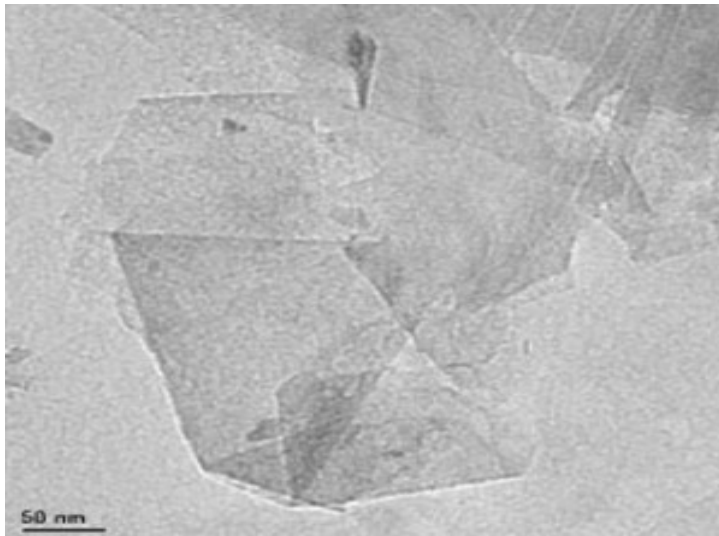
(Purity: 99.9%, APS: 3-4nm)

Stock No: NS6130-01-173, CAS: 7782-42-5

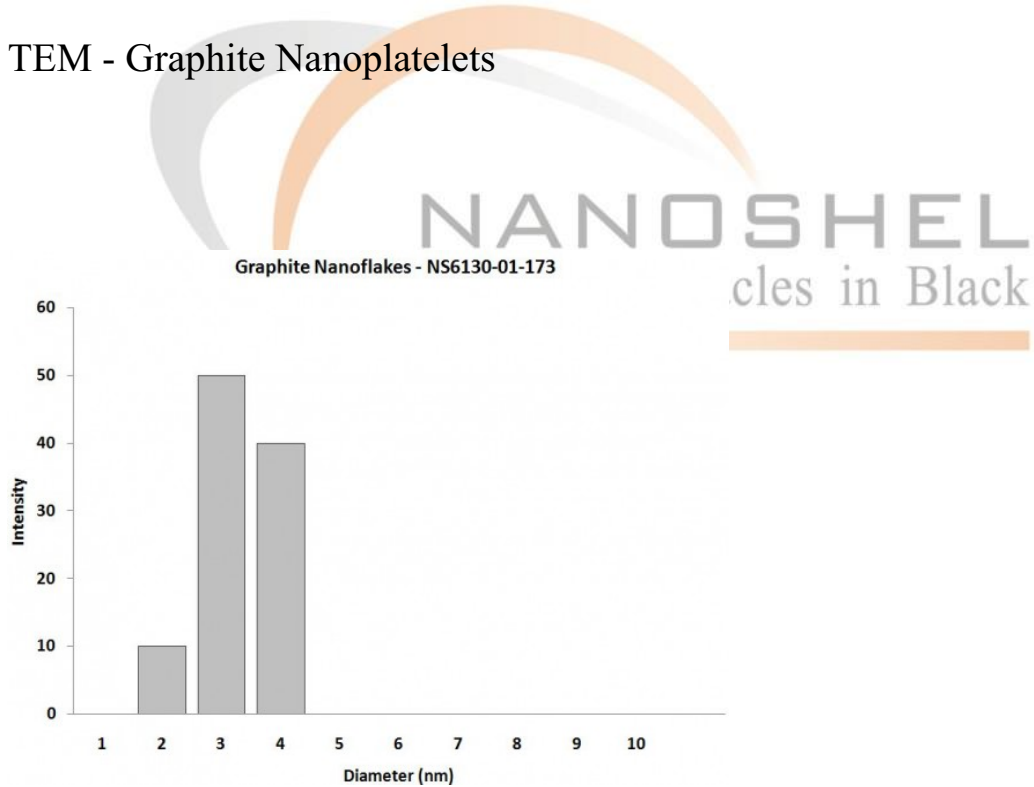
|                              |   |                               |
|------------------------------|---|-------------------------------|
| <b>Product</b>               | : | <b>Graphite Nanoplatelets</b> |
| Stock No                     | : | NS6130-01-173                 |
| CAS                          | : | 7782-42-5                     |
| Purity                       | : | 99.9%                         |
| APS                          | : | 3-4 nm                        |
| Molecular Weight             | : | 12.01 g/mol                   |
| Form                         | : | Powder                        |
| Color                        | : | Black                         |
| Density                      | : | 1.8 g/cm <sup>3</sup>         |
| Melting Point                | : | 3550 °C                       |
| Boiling Point                | : | 4027 °C                       |
| Young's Modulus              | : | 21 GPa                        |
| <b>Main Inspect Verifier</b> | : | <b>Manager QC</b>             |

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

## Characterization of Graphite Nanoplatelets



### TEM - Graphite Nanoplatelets



### Particles Size Analysis - Graphite Nanoplatelets