

## Specification Sheet

Purity: 99.9%, APS: 1-5  $\mu\text{m}$

Stock No: NS6130-12-000618, CAS: 7782-42-5

**Product** : **Nitrogen-Doped Graphene Powder**

Stock No : NS6130-12-000618

CAS : 7782-42-5

Purity : 99.9 %

APS : 1-5  $\mu\text{m}$

HS Code : 25049090

Doping : Nitrogen Doped

Form : Powder

Color : Dark Gray-Black

Conductivity :  $>1000 \text{ S/m}$  ( $0.3 \text{ g/cm}^3$ )

Layers : 1-5 atomic layer graphene nanosheets

Lateral size : 0.5-5  $\mu\text{m}$

Nitrogen : 1.0-3.0%

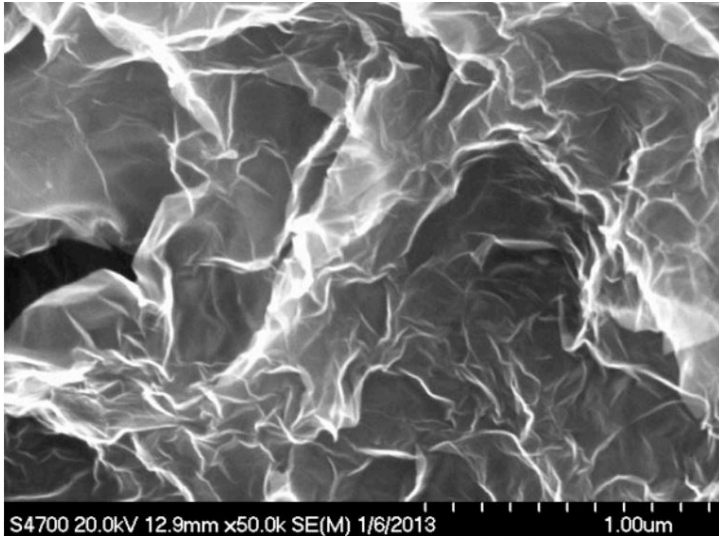
Oxygen : 7.0-7.5%

Solubility : 500  $\text{m}^2/\text{g}$

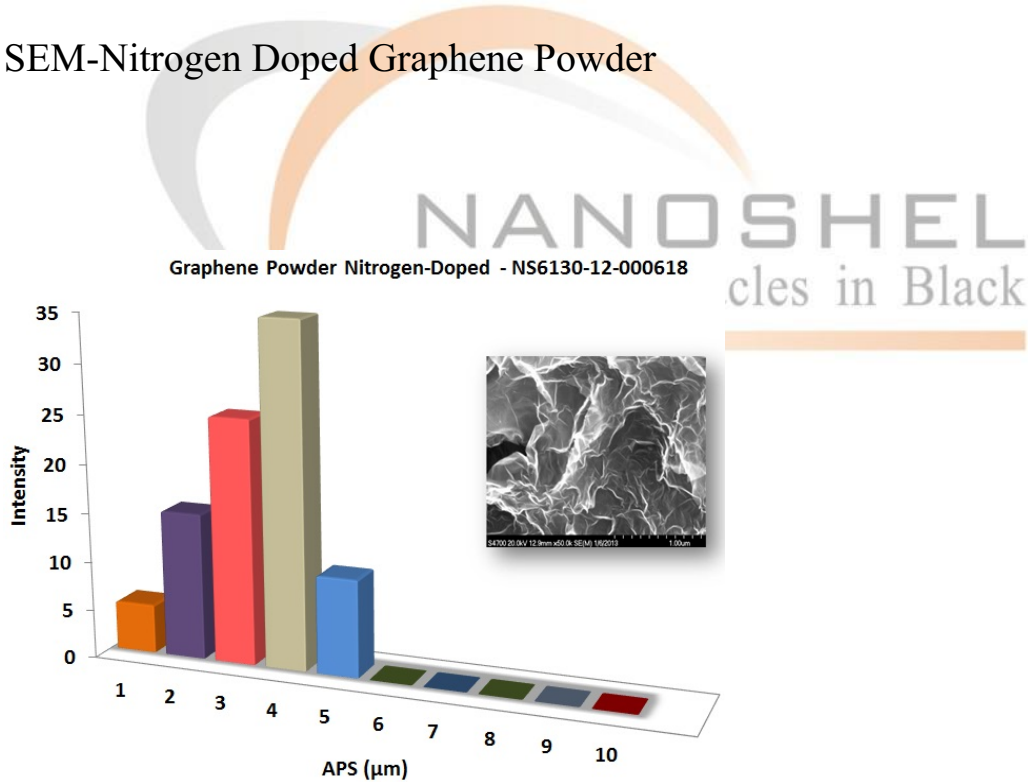
**Main Inspect Verifier** : **Manager QC**

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

### Characterization of Purity: 99.9%, APS: 1-5 $\mu\text{m}$



### SEM-Nitrogen Doped Graphene Powder



### Particles Size of Analysis-Nitrogen Doped Graphene Powder