

## Certificate of Analysis

Date of Testing: 2023-05-08 16:40:50  
Date of Next Testing: 2027-05-07 16:40:50  
Product Name: **Graphite**  
CAS Number: 7782-42-5  
Specifications & Purity: nanopowder,D50 < 600nm,99.95% metals basis  
Lot #: H1907066  
SKU #: **G103922**  
**Analysis: 219512**

Parameter	Limit Values	Result
Total Metallic Impurities	0-500 (ppm)	39.00 ppm
Particle size(D50)	150-1050 (nm)	600.00 nm
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.95 %
Appearance (G103922)	black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager