

Certificate of Analysis

Date of Testing: 2024-12-23 16:36:12

Date of Next Testing: 2028-12-22 16:36:12

Product Name: **Carbon**

CAS Number: 7440-44-0

Specifications & Purity: $\geq 99.5\%$ metals basis, powder, 30nm

Lot #: L2412590

SKU #: **C109965**

Version: **1**

Analysis #: **442008**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	960.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.90 %
Average particle size	20-40 (nm)	35.85 nm
Appearance (C109965)	Dark Grey to Black Powder	Dark Grey to Black Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager