

Certificate of Analysis

Date of Testing: 2024-12-16 13:14:55
Date of Next Testing: 2028-12-15 13:14:55
Product Name: **Carbon**
CAS Number: 7440-44-0
Specifications & Purity: $\geq 99.5\%$ metals basis, powder, 30nm
Lot #: C2112196
SKU #: **C109965**
Version: **1**
Analysis #: **449788**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Total Metallic Impurity	0-5000 (ppm)	209.00 ppm
Average particle size	20-40 (nm)	32.88 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.98 %
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