

## Certificate of Analysis

Date of Testing: 2022-07-26 17:21:43  
Date of Next Testing: 2026-07-25 17:21:43  
Product Name: **Carbon**  
CAS Number: 7440-44-0  
Specifications & Purity: 99.5%,30nm  
Lot #: G2222125  
SKU #: **C109965**  
**Analysis: 102177**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	3087.00 ppm
Average particle size	20-40 (nm)	35.95 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.69 %
Substances not precipitated by ammonia	≥100 (m2/g)	113.00 m2/g
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