

## Certificate of Analysis

Date of Testing: 2022-07-15 16:04:37  
Date of Next Testing: 2026-07-14 16:04:37  
Product Name: **Platinum**  
CAS Number: 7440-06-4  
Specifications & Purity: Pt >99.9% metal basis, 10nm  
Lot #: G2209154  
SKU #: **P113302**  
Analysis: **095203**

Parameter	Limit Values	Result
Particle size	8-12 (nm)	8.80 nm
Surface area	≥30 (m <sup>2</sup> /g)	30.11 m <sup>2</sup> /g
Platinum Assay(Based on Trace Metals Impurities)	99.9-100 (%)	99.90%
Total Metallic Impuritie	0-2000 (ppm)	999.00 ppm
Appearance (P113302)	black powder	black powder
ICP: Confirms Platinum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager