

Certificate of Analysis

Date of Testing: 2023-07-25 16:24:22
Date of Next Testing: 2026-07-24 16:24:22
Product Name: **Reduced graphene oxide**
CAS Number: R487602
Specifications & Purity: Chemical reduction,single layer,sheet diameter 1-5 μ m
Lot #: G23181176
SKU #: **R487602**
Analysis: 244554

Parameter	Limit Values	Result
Diameter	1-5 (μ m)	1.20 μ m
Carbon by Elemental Analysis	≥ 75 (%)	76.00 %
Oxygen by Elemental Analysis	≤ 22 (%)	22.00 %
Electric Conductivity	> 600 (S/m)	601.00 S/m
Appearance(R487602)	Black Powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
surfacearea(T(450 m ² /g))	Pass	Pass



John Su
QA & QC Manager