

Certificate of Analysis

Date of Testing: 2024-06-28 09:23:08
Date of Next Testing: 2027-06-28 09:23:08
Product Name: **Reduced graphene oxide**
CAS Number: R487602
Specifications & Purity: Chemical reduction,single layer,sheet diameter 1-5 μ m
Lot #: F2418056
SKU #: **R487602**
Version: **1**
Analysis #: **356128**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	≥ 75 (%)	76.00 %
Oxygen by Elemental Analysis	≤ 22 (%)	20.00 %
Diameter	1-5 (μ m)	2.00 μ m
Electric Conductivity	> 600 (S/m)	750.00 S/m
Appearance(R487602)	Black Powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
surfacearea(T(450 m2/g))	Pass	Pass



John Su
QA & QC Manager