

## Certificate of Analysis

Date of Testing: 2024-06-27 13:51:43  
Date of Next Testing: 2027-06-27 13:51:43  
Product Name: **Reduced graphene oxide**  
CAS Number: R487602  
Specifications & Purity: Chemical reduction,single layer,sheet diameter 1-5 $\mu$ m  
Lot #: F2418057  
SKU #: **R487602**  
Version: **1**  
Analysis #: **356128**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	$\geq 75$ (%)	76.00 %
Oxygen by Elemental Analysis	$\leq 22$ (%)	20.00 %
Diameter	1-5 ( $\mu$ m)	2.00 $\mu$ 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