

## Certificate of Analysis

Date of Testing: 2023-04-15 15:26:30  
Date of Next Testing: 2027-04-14 15:26:30  
Product Name: **hydroxylated graphene (Small size)**  
CAS Number: 7782-42-5  
Specifications & Purity: Diameter: 50~150 nm Single layer ratio: >98% Hydroxyl ratio: 12 wt%  
Lot #: D2306264  
SKU #: **G196553**  
**Analysis: 201394**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Diameter	50-150 (nm)	58.00 nm
Thickness	0.8-1.2 (nm)	0.83 nm
Single layer ratio	>98 (%)	98.20000 %
Hydroxyl ratio	12 (wt%)	12.00000 wt%



John Su  
QA & QC Manager