

## Certificate of Analysis

Date of Testing: 2022-07-21 15:37:21  
Date of Next Testing: 2026-07-20 15:37:21  
Product Name: **Thiolated graphene**  
CAS Number: 7782-42-5  
Specifications & Purity: Single layer ratio : >80% Thiol ratio : 4.0 wt%  
Lot #: G2214283  
SKU #: **G196555**  
**Analysis: 091762**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Single layer ratio	80-100 (%)	82.00 %
Thickness	0.8-1.2 (nm)	0.90 nm
Diameter	1-5 ( $\mu\text{m}$ )	3.00 $\mu\text{m}$
Thiol ratio	3.8-4.2 (%)	4.00 %



John Su  
QA & QC Manager