

Certificate of Analysis

Date of Testing: 2022-05-07 10:47:52
Date of Next Testing: 2026-05-06 10:47:52
Product Name: **carboxylated graphene (small size)**
CAS Number: 7782-42-5
Specifications & Purity: Diameter: 50-200 nm Single layer ratio:>98% Carboxyl ratio:8.0 wt%
Lot #: C2228031
SKU #: **G196556**
Analysis: **083576**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Thickness	0.8-1.2 (nm)	1.00 nm
Carboxylation	6-10 (wt%)	8.00 wt%
Diameter	50-200 (nm)	125.00 nm
Single layer ratio	98-100 (%)	98.10%



John Su
QA & QC Manager