

## Certificate of Analysis

Date of Testing: 2022-07-27 11:26:51  
Date of Next Testing: 2027-07-26 11:26:51  
Product Name: **Nitrogen-doped Graphene**  
CAS Number: 7782-42-5  
Specifications & Purity: >98%  
Lot #: G2222340  
SKU #: **G139802**  
Analysis: **104219**

Parameter	Limit Values	Result
Thickness	1-3 (nm)	2.00 nm
Particle size	2-10 ( $\mu\text{m}$ )	3.60 $\mu\text{m}$
Layers	< 3	2.90
Purity	98-100 (%)	99.00%
Appearance (G139802)	black powder	black powder



John Su  
QA & QC Manager