

## Certificate of Analysis

Date of Testing: 2022-11-21 16:33:20  
Date of Next Testing: 2027-11-20 16:33:20  
Product Name: **Nitrogen-doped Graphene**  
CAS Number: 7782-42-5  
Specifications & Purity: >98%  
Lot #: K2205265  
SKU #: **G139802**  
Analysis: **146912**

Parameter	Limit Values	Result
Thickness	1-3 (nm)	2.10 nm
Particle size	2-10 ( $\mu\text{m}$ )	6.00 $\mu\text{m}$
Layers	< 3	2.00
Purity	98-100 (%)	98.50%
Appearance (G139802)	black powder	black powder



John Su  
QA & QC Manager