

## Certificate of Analysis

Date of Testing: 2023-07-21 18:37:48  
Date of Next Testing: 2028-07-19 18:37:48  
Product Name: **Nitrogen-doped Graphene**  
CAS Number: 7782-42-5  
Specifications & Purity: >98%  
Lot #: G2318109  
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       |



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QA & QC Manager