

Certificate of Analysis

Date of Testing: 2025-06-02 13:34:41

Date of Next Testing: 2028-06-01 13:34:41

Product Name: **Graphene**

CAS Number: 1034343-98-0

Specifications & Purity: high-purity, $\geq 98\%$

Lot #: E2521390

SKU #: **G302114**

Version: **1**

Analysis #: **510117**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Thickness	1-3 (nm)	1.00 nm
Layers	< 3	1.00
Purity	98-100 (%)	98.10 %
Scale	> 50 (μm)	51.00000 μm
Specific Surface Area	100-200 (m^2/g)	120.00 m^2/g
Electrical conductivity	1000-1500 (S/m)	1100.00000 S/m
Tap density	5-10 (mg/ml)	6.00000 mg/ml
Appearance(G302114)	Black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager