

Certificate of Analysis

Date of Testing: 2024-12-31 13:48:07

Date of Next Testing: 2027-12-31 13:48:07

Product Name: **Graphene**

CAS Number: 1034343-98-0

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

Lot #: L2431073

SKU #: **G302114**

Version: **1**

Analysis #: **449354**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Thickness	1-3 (nm)	1.24 nm
Layers	< 3	0.53
Purity	98-100 (%)	98.24 %
Scale	> 50 (μm)	50.36200 μm
Tap density	5-10 (mg/ml)	5.01000 mg/ml
Electrical conductivity	1000-1500 (S/m)	1000.00900 S/m
Specific Surface Area	100-200 (m^2/g)	100.00 m^2/g
Appearance(G302114)	Black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager