

Certificate of Analysis

Date of Testing: 2022-09-03 15:00:31
Date of Next Testing: 2025-09-02 15:00:31
Product Name: **Graphene**
CAS Number: 1034343-98-0
Specifications & Purity: High purity grade , > 98 %
Lot #: H2229379
SKU #: **G302114**
Analysis: 124857
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Thickness	1-3 (nm)	2.10 nm
Layers	< 3	2.00
Purity	98-100 (%)	98.80 %
Scale	> 50 (µm)	55.00000 µm
Specific Surface Area	100-200 (m ² /g)	110.00 m ² /g
Electrical conductivity	1000-1500 (S/m)	1200.00000 S/m
Tap density	5-10 (mg/ml)	8.00000 mg/ml
Appearance(G302114)	Black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager