



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-14 13:27:19
Date of Next Testing: 2028-01-14 13:27:19
Product Name: **Expandable Graphite**
CAS Number:
Specifications & Purity: flakes
Lot #: A2513230
SKU #: **E477901**
Version: **2**
Analysis #: **302236**

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.37 %
Expansion volume	≥250 (ml/g)	280.00000 ml/g
Carbon Content	95-100 (%)	96.69000 %
Particle Size Distribution(+80 mesh)	70-100 (%)	88.19000 %
Ash	0-5 (%)	3.31 %
Appearance(E477901)	black sheet	black sheet
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager