

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-27 17:15:58
Date of Next Testing: 2027-12-26 17:15:58
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: L2314095
SKU #: **C493463**
Analysis: **291540**

Parameter	Limit Values	Result
Ash	0-5 (%)	3.80 %
Specific Surface Area	350-550 (m ² /g)	415.00 m ² /g
Length	10-20 (μm)	15.00 μm
Outer Diameter	4-8 (nm)	5.30 nm
Purity(TGA)	95-100 (%)	95.30000 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager