

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 14:33:55
Date of Next Testing: 2027-09-18 14:33:55
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: 12312325
SKU #: **C493454**
Analysis: 278918

Parameter	Limit Values	Result
Ash	0-5 (%)	5.00%
Specific Surface Area	≥110 (m ² /g)	121.00 m ² /g
Length	10-30 (μm)	30.00 μm
-OH Content	2.35-2.60 (%)	2.35110%
Outer Diameter	10-30 (nm)	30.00 nm
Purity(TGA)	90-100 (%)	95.00000%
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager