

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 13:49:02
Date of Next Testing: 2027-09-18 13:49:02
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: 12312239
SKU #: **C493454**
Analysis: **283379**

Parameter	Limit Values	Result
Ash	0-5 (%)	5.00 %
Specific Surface Area	≥110 (m ² /g)	110.00 m ² /g
Length	10-30 (μm)	16.50 μm
-OH Content	2.35-2.60 (%)	2.40000 %
Outer Diameter	10-30 (nm)	18.00 nm
Purity(TGA)	90-100 (%)	90.00000 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager