

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-31 14:50:20
Date of Next Testing: 2027-10-30 14:50:20
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: J2320285
SKU #: **C493463**
Analysis: **291067**

Parameter	Limit Values	Result
Ash	0-3 (%)	2.10 %
Specific Surface Area	140-160 (m ² /g)	153.30 m ² /g
Length	20-100 (μm)	72.00 μm
Outer Diameter	10-20 (nm)	16.20 nm
Purity(TGA)	95-100 (%)	95.00000 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager