

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-20 09:38:49
Date of Next Testing: 2027-09-19 09:38:49
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: 12313007
SKU #: **C493454**
Analysis: 278986

Parameter	Limit Values	Result
Purity(TGA)	95-100 (%)	95.00000%
Outer Diameter	20-40 (nm)	30.00 nm
-OH Content	1.55-1.65 (%)	1.62000%
Length	10-30 (μm)	20.00 μm
Specific Surface Area	≥ 80 (m ² /g)	95.00 m ² /g
Ash	0-5 (%)	0.20%
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager