

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-31 17:32:22
Date of Next Testing: 2027-08-30 17:32:22
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: H2328143
SKU #: **C493326**
Analysis: **270183**

Parameter	Limit Values	Result
Outer Diameter	30-80 (nm)	74.00 nm
Purity(TGA)	99.9-100 (%)	99.90000 %
Length	<10 (µm)	9.10 µm
Specific surface area (BET)	>50 (m ² /g)	52.00 m ² /g
Ash	< 0.1 (%)	0.09 %
-COOH Content	0.20-0.3 (%)	0.25000 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager