

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-31 17:01:42
Date of Next Testing: 2027-08-30 17:01:42
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: H2329298
SKU #: **C493324**
Analysis: **263293**

Parameter	Limit Values	Result
Purity(TGA)	98-100 (%)	98.50000 %
Outer Diameter	30-80 (nm)	45.00 nm
Length	0.5-2 (μm)	0.76 μm
Specific surface area (BET)	> 90 (m^2/g)	99.80 m^2/g
Ash	< 1.5 (%)	1.10 %
-COOH Content	0.4-0.6 (%)	0.40000 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager