

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-31 16:27:18
Date of Next Testing: 2027-08-30 16:27:18
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: H2329290
SKU #: **C493324**
Analysis: **263294**

Parameter	Limit Values	Result
Purity(TGA)	98-100 (%)	98.50000%
Outer Diameter	5-15 (nm)	10.00 nm
Length	0.5-2 (μm)	0.88 μm
Specific surface area (BET)	> 270 (m^2/g)	288.90 m^2/g
Ash	0-1.5 (%)	1.24%
-COOH Content	3.7-3.9 (%)	3.71000%
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager