

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-28 10:58:44
Date of Next Testing: 2027-11-27 10:58:44
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: K2321080
SKU #: **C493460**
Analysis: **291459**

Parameter	Limit Values	Result
Outer Diameter	8-15 (nm)	10.00 nm
Length	30-50 (μm)	45.00 μm
Specific Surface Area	210-250 (m^2/g)	233.00 m^2/g
Ash	0-3 (%)	1.20 %
Purity(TGA)	95-100 (%)	95.01000 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager