

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-01 13:16:48  
Date of Next Testing: 2028-01-31 13:16:48  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity:  
Lot #: A2416250  
SKU #: **C493460**  
Analysis: **304155**

Parameter	Limit Values	Result
Ash	0-5 (%)	3.80 %
Length	10-20 ( $\mu\text{m}$ )	15.00 $\mu\text{m}$
Outer Diameter	4-8 (nm)	6.10 nm
Purity(TGA)	95-100 (%)	95.10000 %
Appearance(Black powder)	pass	Pass



John Su  
QA & QC Manager