

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-30 16:17:40  
Date of Next Testing: 2027-08-29 16:17:40  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity:  
Lot #: H2325369  
SKU #: **C493364**  
**Analysis: 263325**

Parameter	Limit Values	Result
Length	0-10 ( $\mu\text{m}$ )	3.58 $\mu\text{m}$
Outer Diameter	30-50 (nm)	32.60 nm
CNTs Content	> 38 (%)	39.50%
Nickel(Ni)	> 60 (%)	60.50%
Appearance(Black powder)	pass	Pass



John Su  
QA & QC Manager