

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-23 14:13:33  
Date of Next Testing: 2027-10-22 14:13:33  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity:  
Lot #: J2320290  
SKU #: **C493364**  
Analysis: **288389**

Parameter	Limit Values	Result
Length	45-55 ( $\mu\text{m}$ )	50.00 $\mu\text{m}$
Outer Diameter	8-15 (nm)	12.00 nm
Nickel(Ni)	> 60 (%)	61.00 %
CNTs Content	> 38 (%)	38.50 %
Appearance(Black powder)	pass	Pass



John Su  
QA & QC Manager