

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-05 17:15:57  
Date of Next Testing: 2028-05-03 17:15:57  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity: Helical,OD:100-200nm,Length:1-10µm  
Lot #: D23141313  
SKU #: **C139873**  
Analysis: **173234**

Parameter	Limit Values	Result
Ash	0-5 (%)	4.80 %
Outer Diameter	100-200 (nm)	113.00 nm
Length	1-10 (µm)	2.30 µm
CNTs Content	90-100 (%)	91.30 %
Specific Surface Area	>30 (m <sup>2</sup> /g)	30.50 m <sup>2</sup> /g



John Su  
QA & QC Manager