

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 16:45:34

Date of Next Testing: 2027-09-18 16:45:34

Product Name: **Carbon nanotube, multi-walled**

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: I2313046

SKU #: **H493291**

Version: **1**

Analysis #: **278999**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	98-100 (%)	99.98000 %
-OH Content	1.7-1.8 (wt %)	1.75000 wt%
Ash	0-1.5 (%)	1.10000 %
Length	10-30 (μm)	15.00000 μm
Outer Diameter	20-30 (nm)	25.00000 nm
Specific Surface Area	≥110 (m ² /g)	132.00000 m ² /g
Appearance(color)	Black	Black



John Su
QA & QC Manager