

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 16:43:57

Date of Next Testing: 2027-09-18 16:43:57

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

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: I2313043

SKU #: **H493291**

Version: **1**

Analysis #: **279005**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	98-100 (%)	98.12000 %
-OH Content	1.7-1.8 (wt %)	1.75000 wt%
Ash	0-1.5 (%)	1.23000 %
Length	10-30 (μm)	14.00000 μm
Outer Diameter	20-30 (nm)	25.00000 nm
Specific Surface Area	≥ 110 (m^2/g)	125.00000 m^2/g
Appearance(color)	Black	Black



John Su
QA & QC Manager