

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-08 16:45:15

Date of Next Testing: 2027-09-07 16:45:15

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

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: I2304012

SKU #: **H493291**

Version: **1**

Analysis #: **263310**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	>98 (%)	98.20000 %
Outer Diameter	4-8 (nm)	5.20000 nm
Length	10-20 (μm)	15.00000 μm
Specific Surface Area	350-550 (m ² /g)	411.00000 m ² /g
Ash	0-2 (%)	0.66000 %
-OH Content	5.3-5.7 (wt %)	5.44000 wt%
Appearance(color)	Black	Black



John Su
QA & QC Manager