

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-02 16:43:10

Date of Next Testing: 2027-11-01 16:43:10

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

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: J2320291

SKU #: **H493291**

Version: **1**

Analysis #: **291953**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	95-100 (%)	98.00000 %
-OH Content	3.5-3.9 (wt %)	3.70000 wt%
Outer Diameter	8-15 (nm)	11.00000 nm
Length	40-60 (μm)	50.00000 μm
Specific Surface Area	>233 (m^2/g)	235.00000 m^2/g
Ash	<1.5 (%)	1.30000 %
Appearance(color)	Black	Black



John Su
QA & QC Manager