

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-20 09:48:27
Date of Next Testing: 2028-03-18 09:48:27
Product Name: **Carbon nanotube, single-walled**
CAS Number: 308068-56-6
Specifications & Purity: >90%, outer diameter: 1-2nm, length: 1-3µm
Lot #: C23101014
SKU #: **C488927**
Analysis: **186849**

Parameter	Limit Values	Result
Specific Surface Area	>380 (m ² /g)	385.00 m ² /g
Outer Diameter	1-2 (nm)	1.30 nm
Length	1-3 (µm)	2.20 µm
Purity(ICP)	90-100 (%)	90.30%
Ash	<5 (%)	4.80%
COOH Content	2.6-2.9 (%)	2.61000%
Exterior color	Black	Black



John Su
QA & QC Manager