

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-14 09:11:39
Date of Next Testing: 2027-09-13 09:11:39
Product Name: **Carboxylated single-walled carbon nanotubes**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: 12312198
SKU #: **C493339**
Analysis: **276348**

Parameter	Limit Values	Result
Purity(ICP)	>90 (%)	90.30 %
Outer Diameter	1-2 (nm)	1.30 nm
Length	1-3 (μm)	2.20 μm
Specific Surface Area	>380 (m^2/g)	385.00 m^2/g
Ash	< 5 (%)	4.80 %
-COOH Content	2.63-2.83 (%)	2.73000 %



John Su
QA & QC Manager