

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-14 14:23:15
Date of Next Testing: 2027-09-13 14:23:15
Product Name: **Carboxylated single-walled carbon nanotubes**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: 12312203
SKU #: **C493339**
Analysis: **276176**

Parameter	Limit Values	Result
Purity	90-100 (%)	90.36 %
Diameter	1-2 (nm)	1.36 nm
Length	5-30 (μm)	6.20 μm
Specific Surface Area	>320 (m^2/g)	320.30 m^2/g
Ash	<5 (%)	2.50 %
-COOH Content	2.63-2.83 (%)	2.73000 %



John Su
QA & QC Manager