

Certificate of Analysis

Date of Testing: 2025-06-17 15:06:30

Date of Next Testing: 2029-06-16 15:06:30

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

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: F2511107

SKU #: **C493460**

Version: **1**

Analysis #: **278906**

Parameter	Limit Values	Result
-COOH Content	1.45-1.65 (%)	1.51000 %
Outer Diameter	10-30 (nm)	14.20 nm
Purity(TGA)	95-100 (%)	95.00000 %
Specific Surface Area	> 110 (m2/g)	112.60 m2/g
Length	10-30 (μm)	12.30 μm
Ash	0-5 (%)	4.82 %
Appearance(Black powder)	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager