

Certificate of Analysis

Date of Testing: 2023-03-02 18:24:54

Date of Next Testing: 2027-03-01 18:24:54

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

CAS Number: 308068-56-6

Specifications & Purity: Outer diameter: 8-15nm, length: 30-50 μ m

Lot #: B2327178

SKU #: **C491701**

Analysis: **154457**

Parameter	Limit Values	Result
Ash	0-2 (%)	1.98 %
Outer Diameter	8-15 (nm)	8.00 nm
Length	30-50 (μ m)	30.00 μ m
Purity(ICP)	98-100 (%)	98.32 %
Specific Surface Area	200-250 (m ² /g)	220.00 m ² /g

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

John Su
QA & QC Manager