

Certificate of Analysis

Date of Testing: 2023-11-03 11:30:29

Date of Next Testing: 2027-11-02 11:30:29

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

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: J2320029

SKU #: **C493314**

Analysis: 291949

Parameter	Limit Values	Result
COOH Content	1.9-2.1 (%)	1.90000 %
Outer Diameter	10-20 (nm)	16.00 nm
Ash	0-1.5 (%)	1.40 %
Length	10-30 (μm)	19.00 μm
Purity(TGA)	98-100 (%)	98.00000 %
Specific Surface Area	≥150 (m ² /g)	150.00 m ² /g
Exterior color	Black	Black



John Su
QA & QC Manager