

Certificate of Analysis

Date of Testing: 2023-11-03 09:24:52

Date of Next Testing: 2027-11-02 09:24:52

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

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: J2320294

SKU #: **C493314**

Analysis: 292008

Parameter	Limit Values	Result
Purity(TGA)	98-100 (%)	98.50000 %
Outer Diameter	30-50 (nm)	39.50 nm
Length	0-10 (μm)	5.40 μm
Specific surface area (BET)	> 100 (m2/g)	110.20 m2/g
Ash	< 1.5 (%)	1.20 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager