

Certificate of Analysis

Date of Testing: 2023-09-21 15:38:02
Date of Next Testing: 2027-09-20 15:38:02
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: 12304008
SKU #: **C493460**
Analysis: **263286**

Parameter	Limit Values	Result
Specific Surface Area	> 60 (m ² /g)	66.30 m ² /g
Length	<10 (μm)	5.60 μm
Outer Diameter	30-80 (nm)	45.00 nm
Ash	0-5 (%)	4.00 %
Purity(TGA)	95-100 (%)	95.00000 %
-COOH Content	0.41-0.61 (%)	0.51000 %
Appearance(Black powder)	pass	Pass



John Su
QA & QC Manager