

Certificate of Analysis

Date of Testing: 2025-01-17 16:15:20

Date of Next Testing: 2030-01-16 16:15:20

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

CAS Number: 308068-56-6

Specifications & Purity: $\geq 95\%$, -OH Functionalized ID:2-5nm, OD:20-30nm, Length:0.5-2 μ m

Lot #: E1514011

SKU #: **C139842**

Version: **0**

Analysis #: **464637**

Parameter	Limit Values	Result
OH Content	1.7-1.8 (%)	1.70 %
Ash	0-1.5 (%)	1.40 %
Outer Diameter	20-30 (nm)	29.90 nm
Purity	95-100 (%)	96.00 %
Specific Surface Area	≥ 110 (m ² /g)	111.00 m ² /g
Inner Diameter	5-10 (nm)	9.00 nm
Length	0.5-2 (μ m)	1.90 μ m
Electric Conductivity	≥ 100000 (μ S/cm)	100001.00 μ S/cm
Exterior color	Black	Black



John Su
QA & QC Manager