

Certificate of Analysis

Date of Testing: 2025-02-13 10:03:41

Date of Next Testing: 2030-02-12 10:03:41

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

CAS Number: 308068-56-6

Specifications & Purity: $\geq 95\%$, -COOH Functionalized, OD: < 8nm, Length: 0.5-2 μ m

Lot #: F1524123

SKU #: **C139845**

Version: **0**

Analysis #: **470262**

Parameter	Limit Values	Result
Specific Surface Area	≥ 270 (m ² /g)	271.00 m ² /g
Length	0.5-2 (μ m)	1.90 μ m
COOH Content	3.8-3.9 (%)	3.80 %
Purity	95-100 (%)	96.00 %
Inner Diameter	2-5 (nm)	4.00 nm
Outer Diameter	0-8 (nm)	7.00 nm
Ash	0-1.5 (%)	1.40 %
Electric Conductivity	≥ 100000 (μ S/cm)	100010.00 μ S/cm
Exterior color	Black	Black



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QA & QC Manager