

Certificate of Analysis

Date of Testing: 2023-05-22 10:44:40

Date of Next Testing: 2028-05-20 10:44:40

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

CAS Number: 308068-56-6

Specifications & Purity: -OH Functionalized, >95%, OD: 20-30nm, Length: 10-30µm

Lot #: E2316646

SKU #: **C139828**

Analysis: 193451

Parameter	Limit Values	Result
Ash	0-1.5 (%)	0.70 %
Length	10-30 (µm)	20.00 µm
Outer Diameter	20-30 (nm)	25.00 nm
Purity	95-100 (%)	98.00 %
Specific Surface Area	≥110 (m ² /g)	110.00 m ² /g
OH Content	1.7-1.8%	1.71 %
Electric Conductivity	≥100000 (µS/cm)	100001.00 µS/cm
Exterior color	Black	Black



John Su
QA & QC Manager