

Certificate of Analysis

Date of Testing: 2022-02-22 13:49:46

Date of Next Testing: 2027-02-21 13:49:46

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

CAS Number: 308068-56-6

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

Lot #: B2217119

SKU #: **C139828**

Analysis: 077644

Parameter	Limit Values	Result
OH Content	1.7-1.8%	1.72 %
Ash	0-1.5 (%)	1.40 %
Length	10-30 (µm)	19.50 µm
Outer Diameter	20-30 (nm)	21.00 nm
Purity	95-100 (%)	96.00 %
Specific Surface Area	≥120 (m ² /g)	121.00 m ² /g
Electric Conductivity	≥100000 (µS/cm)	100001.00 µS/cm
Exterior color	Black	Black



John Su
QA & QC Manager