

Certificate of Analysis

Date of Testing: 2023-05-08 16:49:54
Date of Next Testing: 2028-05-06 16:49:54
Product Name: **Carbon nanotube, multi-walled**
CAS Number: 308068-56-6
Specifications & Purity: Graphitized,-OH Functionalized,>99.9%,ID:5-10nm,OD:10-20nm,Length:10-30µm
Lot #: H1810156
SKU #: **C139857**
Analysis: **219531**

Parameter	Limit Values	Result
Specific Surface Area	≥120 (m ² /g)	125.00 m ² /g
Inner Diameter	5-10 (nm)	5.80 nm
Outer Diameter	10-20 (nm)	16.00 nm
Length	10-30 (µm)	21.00 µm
Purity	99.9-100 (%)	99.90 %
OH Content	1.5-1.6 (%)	1.53 %
Ash	0-0.1 (%)	0.07 %
Electric Conductivity	≥100000 (µS/cm)	130000.00 µS/cm
Exterior color	Black	Black
Heat treatment temperature	2800°C	2800°C



John Su
QA & QC Manager