

## Certificate of Analysis

Date of Testing: 2022-06-28 20:13:52  
Date of Next Testing: 2027-06-27 20:13:52  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity: Graphitized, >99.9%, OD: 30-80nm, Length: < 10µm  
Lot #: F2225153  
SKU #: **C397438**  
Analysis: **094873**

Parameter	Limit Values	Result
Purity(with ignition residue)	>99.9(%)	99.91 %
Outer Diameter	30-80 (nm)	50.00 nm
Length	< 10 (µm)	6.50 µm
Specific Surface Area	> 60 (m <sup>2</sup> /g)	61.90 m <sup>2</sup> /g
Appearance(C397438color)	Black	Black



John Su  
QA & QC Manager