

## Certificate of Analysis

Date of Testing: 2022-12-15 17:14:40  
Date of Next Testing: 2027-12-14 17:14:40  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity: >95%,OD:8-15nm,Length:~50µm,SSA : >140m2/g  
Lot #: L2206467  
SKU #: **C313046**  
Analysis: **157651**

Parameter	Limit Values	Result
Outer Diameter	8-15 (nm)	9.00 nm
Length	40-60 (µm)	50.00 µm
Specific Surface Area	>140 (m2/g)	142.30 m2/g
Purity	>95 (%)	95.20000 %
Appearance (C313046)	Black powder	black powder



John Su  
QA & QC Manager