

## Certificate of Analysis

Date of Testing: 2024-08-20 18:56:00  
Date of Next Testing: 2027-08-20 18:56:00  
Product Name: **Carbon Nanotube**  
CAS Number: 308068-56-6  
Specifications & Purity: > 95%, outer diameter: 8-15nm, length: ~50µm  
Lot #: H2412122  
SKU #: **C306012**  
Version: **1**  
Analysis #: **395054**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Outer Diameter	8-15 (nm)	9.00 nm
Length	45~55 (µm)	50.00 µm
Purity	95-100 (%)	96.00 %
Ash	0-1.5 (%)	1.30 %
Electric Conductivity	>100 (S/m)	138.00 S/m
Specific Surface Area	>140 (m <sup>2</sup> /g)	234.00 m <sup>2</sup> /g
Appearance (C306012)	Black	Black



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QA & QC Manager