

## Certificate of Analysis

Date of Testing: 2023-04-03 20:21:33  
Date of Next Testing: 2028-04-01 20:21:33  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity: Ni Coated, ID:5-10nm, OD:20-30nm, Length:10-30µm  
Lot #: C2330221  
SKU #: **C139867**  
Analysis: **207878**

Parameter	Limit Values	Result
Inner Diameter	5-10 (nm)	9.99 nm
Nickel(Ni)	59-61 (%)	61.00 %
CNTs Content	≥38 (%)	39.00 %
Length	10-30 (µm)	29.00 µm
Outer Diameter	20-30 (nm)	29.00 nm
Exterior color	Black	Black



John Su  
QA & QC Manager