

## Certificate of Analysis

Date of Testing: 2023-02-09 16:05:05  
Date of Next Testing: 2028-02-08 16:05:05  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity: Flash-ignited,OD:2-50nm,Length: ~ 50µm  
Lot #: B23031398  
SKU #: **C139871**  
Analysis: **172967**

Parameter	Limit Values	Result
Specific Surface Area	≥300 (m <sup>2</sup> /g)	315.00 m <sup>2</sup> /g
Outer Diameter	2-50 (nm)	25.00 nm
CNT content	≥50 (%)	55.00 %
Length	45-55 (µm)	50.00 µm
Iron(Fe)	24.5-25.5 (%)	24.51 %



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QA & QC Manager