

## Certificate of Analysis

Date of Testing: 2023-04-23 14:07:26  
Date of Next Testing: 2027-04-22 14:07:26  
Product Name: **Carbon nanotube, single-walled**  
CAS Number: 308068-56-6  
Specifications & Purity:  $\geq 95\%$ , OD: 1-2nm, Length: 5-30 $\mu$ m, Floating catalyst  
Lot #: D2315164  
SKU #: **C140992**  
Analysis: **206261**

Parameter	Limit Values	Result
Purity	95-100 (%)	95.20%
Diameter	0-2 (nm)	1.30 nm
Length	5-30 ( $\mu$ m)	5.50 $\mu$ m
Ash	0-5 (%)	4.80%
Specific Surface Area	$\geq 640$ (m <sup>2</sup> /g)	642.30 m <sup>2</sup> /g
Appearance (C140992)	black powder	black powder



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QA & QC Manager