

## Certificate of Analysis

Date of Testing: 2023-11-02 11:56:42  
Date of Next Testing: 2027-11-01 11:56:42  
Product Name: **High-purity single-walled carbon nanotubes (floating catalysis)**  
CAS Number: 308068-56-6  
Specifications & Purity:  
Lot #: J2320059  
SKU #: **C493369**  
Analysis: **291737**

Parameter	Limit Values	Result
Purity(TGA)	>95 (%)	95.20000 %
Outer Diameter	1-2 (nm)	1.00 nm
Length	5-30 ( $\mu\text{m}$ )	5.00 $\mu\text{m}$
Specific Surface Area	>640 ( $\text{m}^2/\text{g}$ )	645.00 $\text{m}^2/\text{g}$



John Su  
QA & QC Manager