

## Certificate of Analysis

Date of Testing: 2023-10-24 14:20:14  
Date of Next Testing: 2027-10-23 14:20:14  
Product Name: **Carbon nanofibers**  
CAS Number:  
Specifications & Purity:  
Lot #: J2320046  
SKU #: **C493384**  
**Analysis: 289134**

Parameter	Limit Values	Result
Outer Diameter	200-600 (nm)	200.00 nm
Length	5-50 ( $\mu\text{m}$ )	6.30 $\mu\text{m}$
Purity(ICP)	>70 (%)	71.00 %
Specific Surface Area	>18 ( $\text{m}^2/\text{g}$ )	18.50 $\text{m}^2/\text{g}$
Appearance(Black powder)	pass	Pass



John Su  
QA & QC Manager