

## Certificate of Analysis

Date of Testing: 2023-11-02 14:08:44  
Date of Next Testing: 2027-11-01 14:08:44  
Product Name: **Hydroxylated single-walled carbon nanotubes**  
CAS Number: 308068-56-6  
Specifications & Purity:  
Lot #: J2320318  
SKU #: **C493362**  
Analysis: **291563**

Parameter	Limit Values	Result
Purity(ICP)	>90 (%)	91.30%
Outer Diameter	1-2 (nm)	1.30 nm
Length	5-30 ( $\mu\text{m}$ )	19.00 $\mu\text{m}$
-OH Content	3.8-4.1 (%)	3.96000%
Specific Surface Area	>300 ( $\text{m}^2/\text{g}$ )	311.00 $\text{m}^2/\text{g}$



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