

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-14 15:02:39

Date of Next Testing: 2027-11-13 15:02:39

Product Name: **Hydroxylated ultra-high purity single-walled carbon nanotubes (floating catalysis)**

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: K2306086

SKU #: **C493351**

Analysis: **263301**

Parameter	Limit Values	Result
Purity(TGA)	>95 (%)	95.30000 %
Outer Diameter	1-2 (nm)	1.16 nm
Length	1-3 ( $\mu\text{m}$ )	2.30 $\mu\text{m}$
Specific Surface Area	>630 ( $\text{m}^2/\text{g}$ )	635.20 $\text{m}^2/\text{g}$
-OH Content	>9 (%)	9.10000 %



John Su  
QA & QC Manager