

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-13 10:41:50
Date of Next Testing: 2027-11-12 10:41:50
Product Name: **Hydroxylated single-walled carbon nanotubes**
CAS Number: 308068-56-6
Specifications & Purity:
Lot #: K2306169
SKU #: **C493362**
Analysis: **294818**

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



John Su
QA & QC Manager