

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-02 15:24:59  
Date of Next Testing: 2028-10-31 15:24:59  
Product Name: **Carbon nanotube, multi-walled**  
CAS Number: 308068-56-6  
Specifications & Purity: >95%,OD:8-15nm,Length:~50µm,SSA : >140m2/g  
Lot #: J2323077  
SKU #: **C313046**  
Analysis: **157651**

| Parameter             | Limit Values | Result       |
|-----------------------|--------------|--------------|
| Outer Diameter        | 8-15 (nm)    | 9.00 nm      |
| Length                | 40-60 (µm)   | 50.00 µm     |
| Specific Surface Area | >140 (m2/g)  | 142.30 m2/g  |
| Purity                | >95 (%)      | 95.20000 %   |
| Appearance (C313046)  | Black powder | black powder |



John Su  
QA & QC Manager