

## Certificate of Analysis

Date of Testing: 2023-03-02 18:38:42

Date of Next Testing: 2027-03-01 18:38:42

Product Name: **Carbon Nanotube Bundled Multi-walled**

CAS Number: 308068-56-6

Specifications & Purity:  $\geq 95\%$ , outer diameter: 30-80nm, length: 0.5-2  $\mu\text{m}$

Lot #: B2324267

SKU #: **C491656**

Analysis: **189266**

| Parameter           | Limit Values            | Result             |
|---------------------|-------------------------|--------------------|
| Purity              | 95-100 (%)              | 98.10 %            |
| Outer Diameter      | 30-80 (nm)              | 45.00 nm           |
| Length              | 0.5-2 ( $\mu\text{m}$ ) | 0.70 $\mu\text{m}$ |
| Appearance(C491656) | black powder            | black powder       |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager