

## Certificate of Analysis

Date of Testing: 2023-04-04 18:17:39  
Date of Next Testing: 2026-04-03 18:17:39  
Product Name: **Carbon Nanotube**  
CAS Number: 308068-56-6  
Specifications & Purity: > 95%, outer diameter: 8-15nm, length: ~50µm  
Lot #: C2324858  
SKU #: **C306012**  
**Analysis:** **190507**  
Storage Temperature: Room temperature

| Parameter             | Limit Values             | Result                   |
|-----------------------|--------------------------|--------------------------|
| Outer Diameter        | 8-15 (nm)                | 10.00 nm                 |
| Length                | 45~55 (µm)               | 50.00 µm                 |
| Specific Surface Area | >140 (m <sup>2</sup> /g) | 233.00 m <sup>2</sup> /g |
| Purity                | 95-100 (%)               | 95.50 %                  |
| Ash                   | ≤1.5 (%)                 | 0.70 %                   |
| Electric Conductivity | ≥10000 (S/m)             | 10001.00 S/m             |
| Appearance (C306012)  | Black                    | Black                    |



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