

Certificate of Analysis

Date of Testing: 2023-07-15 13:14:24

Date of Next Testing: 2026-07-14 13:14:24

Product Name: **Carbon nanotube, single-walled**

CAS Number: 308068-56-6

Specifications & Purity: <5% Metal Catalyst

Lot #: G2307787

SKU # **C462993**

Analysis: 241318

Parameter	Limit Values	Result
Metal Catalyst	<5 (%)	3.20000 %
Semi-Conducting Purity	65-75 (%)	70.00000 %
Metallic Purity	25-35 (%)	30.00000 %
Length	0.3-5 (µm)	2.50 µm
Diameter	1-2 (nm)	1.50 nm
SWNT	Confirmed	Confirmed



John Su
QA & QC Manager