

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-12 16:35:55

Date of Next Testing: 2029-05-11 16:35:55

Product Name: **Nitrogen-doped multi-walled carbon nanotubes**

CAS Number:

Specifications & Purity: $\geq 95\%$, Outer diameter: 30-50nm, length: 10-30 μm

Lot #: E2509101

SKU #: **C752296**

Version: **1**

Analysis #: **472254**

Parameter	Limit Values	Result
Purity(TGA)	95-100 (%)	98.32600 %
Nitrogen content	> 2.5 (%)	2.63000 %
Specific Surface Area	> 78.9 (m^2/g)	79.63500 m^2/g
Outside diameter30-50(nm)	pass	Pass
Length 10-30(μm)	pass	Pass



John Su
QA & QC Manager