

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-18 09:12:59

Date of Next Testing: 2028-11-17 09:12:59

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

CAS Number:

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

Lot #: K2413255

SKU #: **C752296**

Version **1**

Analysis #: **405573**

Parameter	Limit Values	Result
Purity(TGA)	95-100 (%)	98.10000 %
Nitrogen content	> 2.5 (%)	2.60000 %
Specific Surface Area	> 78.9 (m^2/g)	78.99000 m^2/g
Outside diameter30-50(nm)	pass	Pass
Length 10-30(μm)	pass	Pass



John Su
QA & QC Manager