

Certificate of Analysis

-COOH Functionalized multi-walled nanotube (MWNTs-COOH)

Content of MWNTs: 95+%

Outside diameter: ≤ 8 nm

Inside diameter: 2-5 nm

Length: 10-30 μm

Stock#: 1267YJF

Components	Contents (%)
Multi-walled nanotubes	> 95
-COOH	1-6
Mole fraction of surface carbon atoms functionalized with -COOH	8-10
C	Bal.
Al	0.19
Cl	1.02
Co	1.09
S	0.24

Analysis Methods: X-ray Photoelectron Spectroscopy
Energy Dispersive X-ray Spectroscopy

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