



Certificate of Analysis

Short multi-walled carbon nanotubes, -COOH functionalized

Content of MWNTs (excluding -COOH): 98+%

Outside diameter: 20-30 nm

Inside diameter: 5-10 nm

Length: 0.5-2 μm

Stock#: 1257YJF

Components	Contents (%)
-COOH	1.17-1.29
Cl	< 0.5
Fe	< 0.5
Ni	< 1.0

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

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