



Certificate of Analysis

Short multi-walled carbon nanotubes, -COOH functionalized

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

Outside diameter: 30-80 nm

Inside diameter: 5-15 nm

Length: 0.5-2 μm

Stock#: 1273YJF

Components	Contents (%)
-COOH	0.47-0.51
Cl	< 0.3
Fe	< 0.6
Ni	< 1.0
S	0.02

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

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