



Certificate of Analysis

Short multi-walled carbon nanotubes, -COOH functionalized

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

Outside diameter: 5-15 nm

Inside diameter: 2-5 nm

Length: 0.5-2 μ m

Stock#: 1254YJF

Components	Contents (%)
-COOH	3.67-4.05
Al	0.19
Cl	< 0.5
Co	< 1.0
S	0.24

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

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