

# Certificate of Analysis

## **-COOH Functionalized single-walled nanotubes (SWNTs-COOH)**

Content of single-walled nanotubes: 60%

Content of carbon nanotubes: 90%

Average diameter: 1-2 nm

Length: 5-30  $\mu\text{m}$

Stock#: 1287YJF

<b>Components</b>	<b>Contents (%)</b>
-COOH	2.59-2.87
Amorphous carbon	< 8
Co	< 2.5
Mo	< 1

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

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