



Certificate of Analysis

Graphitized multi-walled carbon nanotube, –OH functionalized

Content of MWNTs (metal basis, excluding –OH): 99.9%

Content of –OH: 0.84-0.92%

Outside diameter: 20-30 nm

Inside diameter: 5-10 nm

Length: 5-30 μm

Stock#: 1235YJF

Elements	Content (ppm)	Elements	Content (ppm)
Al	21.8	Mg	9.38
Ba	3.17	Mn	0.23
Ca	741.7	Ni	7.82
Cr	0.46	Pb	0.81
Cu	0.28	Si	20.9
Fe	66.7		

Analysis Methods: inductively coupled plasma (ICP)
X-ray photoelectron spectroscopy (XPS)

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