



Certificate of Analysis

Graphitized multi-walled carbon nanotube, –COOH functionalized

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

Content of –COOH: 0.34-0.38%

Outside diameter: 30-50 nm

Inside diameter: 5-12 nm

Length: < 10 μm

Stock#: 1244YJF

Elements	Content (ppm)	Elements	Content (ppm)
Al	9.67	Mg	25.4
Ba	4.33	Mn	9.04
Ca	220.7	Na	18.2
Cr	60.9	Ni	71
Cu	2.03	Pb	1.29
Fe	363	Si	17.8
K	6.95		

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

Nanostructured & Amorphous Materials, Inc.

1526 Katy Gap Road, #302, Katy, TX 77494, USA

Phone: (281) 858-6571

E-mail: sales@nanoamor.com

Website: <http://www.nanoamor.com>