

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Carbon nanotube, double-walled - 50-80% carbon basis, O.D. × I.D. × L 5 nm × 1.3-2.0 nm × 50 μm

Product Number:

637351

CAS Number:

308068-56-6

MDL:

MFCD06411993



TEST	Specification
Appearance (Color)	Black
Appearance (Form)	Powder
Size	Conforms
(OD): < 5 nm	
Size	Conforms
(ID): 1.3 - 2.0 nm	
Length	Conforms
0.5 - 50 μm	
Purity	Meets Requirements
> = 90+ % Based on Trace Metal Analysis	
Silver (Ag)	
Aluminum (Al)	
Arsenic (As)	
Boron (B)	
Barium (Ba)	
Beryllium (Be)	
Bismuth (Bi)	
Calcium (Ca)	
Cadmium (Cd)	
Cobalt (Co)	
Chromium (Cr)	
Copper (Cu)	
Iron (Fe)	
Iridium (Ir)	
Potassium (K)	
Lithium (Li)	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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**TEST****Specification**

Magnesium (Mg)
Manganese (Mn)
Molybdenum (Mo)
Sodium (Na)
Nickel (Ni)
Lead (Pb)
Palladium (Pd)
Platinum (Pt)
Antimony (Sb)
Tin (Sn)
Strontium (Sr)
Titanium (Ti)
Vanadium (V)
Tungsten (W)
Zinc (Zn)
Zirconium (Zr)
Cerium (Ce)
Dysprosium (Dy)
Erbium (Er)
Europium (Eu)
Gadolinium (Gd)
Holmium (Ho)
Lanthanum (La)
Lutetium (Lu)
Neodymium (Nd)
Praseodymium (Pr)

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TEST	Specification
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Scandium (Sc)

Samarium (Sm)

Terbium (Tb)

Thulium (Tm)

Yttrium (Y)

Ytterbium (Yb)

Specification: PRD.0.ZQ5.10000101683

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