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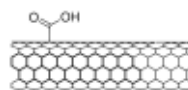
## Product Specification

Product Name:

Carbon nanotube, single-walled, carboxylic acid functionalized - &gt;90% carbon basis, D × L 4-5 nm × 0.5-1.5 μm, bundle dimensions

Product Number:

652490



TEST	Specification
Appearance (Color)	Black
Appearance (Form)	Powder or Crystals
Miscellaneous Assay Carboxylic Acid Groups	1.0 - 3.0 %
Miscellaneous Assay Carbonaceous Purity	≥ 90 %
Miscellaneous Assay Metal Content	5.0 - 8.0 %
Solubility c = 1.0 mg/ml; DMF)	Confirmed
Solubility c = 0.1 mg/ml; Water	Confirmed

Specification: PRD.0.ZQ5.10000042182

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](http://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.