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Product Specification

Product Name:

Carbon nanotube, single-walled - (7,6) chirality, ≥90% carbon basis (≥77% as carbon nanotubes), 0.83 nm average diameter

Product Number:

704121

CAS Number:

308068-56-6



TEST	Specification
Purity	≥ 77.0 %
T1% (Estimate of SWNT Content by Weight (TGA))	
Residual Mass (TGA)	≤ 10.0 %
Carbon (TGA)	≥ 90.0 %
Chirality Distribution	
P2B (QC Parameter for control of chirality distribution at 1130-1140 nm (UV-vis-NIR Spectroscopy))	
Note	Complete
Please see Technical Bulletin AL-252 for explanation of quality parameters. Spectra available upon request.	
Product of Supplier	Confirmed
Chasm Advanced Materials	

Specification: PRD.5.ZQ5.10000005323

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.