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## Product Specification

**Product Name:**

Carbon nanotube, single-walled - (6,5) chirality, carbon >90 %,  $\geq$ 77% (carbon as SWNT), 0.7–0.9 nm diameter  
(by fluorescence)

**Product Number:****704148**

CAS Number:

308068-56-6



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TEST	Specification
Purity	$\geq$ 77.0 %
T1% (Estimate of SWNT Content by Weight (TGA))	
Residual Mass (TGA)	$\leq$ 10.0 %
Carbon (TGA)	$\geq$ 90.0 %
Chirality Distribution	$\geq$ 1.8
P2B (QC Parameter for control of chirality distribution at 979 to 985 nm (UV-vis-NIR Spectroscopy))	
Note	Conforms
Please see Technical Bulletin AL-252 for explanation of quality parameters.	
Spectra available upon request.	
Product of Supplier	Confirmed
Chasm Advanced Materials	

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Note

Conforms

Please see Technical Bulletin AL-252 for explanation of quality parameters.

Spectra available upon request.

Product of Supplier

Confirmed

Chasm Advanced Materials

Specification: PRD.2.ZQ5.10000029254

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.