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Product Specification

Product Name:

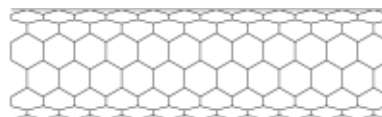
Carbon nanotube array, multi-walled - vertically aligned on silicon wafer substrate

Product Number:

687804

CAS Number:

308068-56-6



TEST	Specification
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Miscellaneous Assay	Pass
SUBSTRATE 1CM X 1CM CHROMIUM COATED SI WAFER, {100} 300 - 550 UM THICK, N-DOPED, RESISTIVITY 1-10 OHM.CM	
Length	Pass
MWNT Length 30 UM (SEM)	
Diameter	Pass
MWNT Diameter 100 - 150 NM (SEM)	
Assay	Pass
SITE DENSITY: 1~2X10^9 NANOMETERS/CM^2 (SEM)	
Miscellaneous Assay	Pass
CARBON PURITY: >95 ATOMIC % (XRAY)	
Miscellaneous Assay	Pass
NANOTUBE TIP: NICKEL-CATALYST CAPPED, 100 - 150 NM (TEM)	

Specification: PRD.0.ZQ5.10000016346

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.