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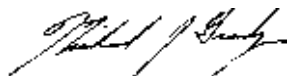
Certificate of Analysis

Product Name:
CARBON, NANOPOWDER, MESOPOROUS, GRAPHIT&

Product Number: 699624
Batch Number: MKCK1000
Brand: ALDRICH
CAS Number: 1333-86-4
Formula: C
Formula Weight: 12.01 g/mol
Quality Release Date: 15 MAY 2019

C

Test	Specification	Result
Appearance (Color)	Black	Black
Appearance (Form)	Powder	Powder
Particle Size micron	≤ 0.500	0.192
Surface Area	50 - 100 m ² /g	71 m ² /g
Miscellaneous Assay Absolute Density (g/cc)	1.700 - 2.000	1.706
Purity > = 99.95% Based On Trace Metals Analysis	Meets Requirements	Meets Requirements
Trace Metal Analysis	≤ 500 ppm	< 500 ppm
Aluminum (Al)		8.0 ppm
Copper (Cu)		3.0 ppm
Iron (Fe)		8.0 ppm
Nickel (Ni)		2.0 ppm
Titanium (Ti)		4.0 ppm
Zinc (Zn)		7.0 ppm



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.