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Certificate of Analysis

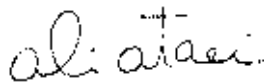
Product Name:

Activated charcoal - DARCO® KB-G

Product Number: 675326
Batch Number: MKBS1417V
 Brand: SIAL
 CAS Number: 7440-44-0
 MDL Number: MFCD00133992
 Formula: C
 Formula Weight: 12.01 g/mol
 Quality Release Date: 16 JUN 2014

C

Test	Specification	Result
Appearance (Color)	Black	Black
Appearance (Form)	Powder	Powder
Moisture Content	≤ 15.0 %	11.6 %
UV/VIS Absorbance g/100g	≥ 28.0	31.5
pH	2.0 - 3.5	2.7
Calcium (Ca)	≤ 200 ppm	120 ppm
Iron (Fe)	≤ 150 ppm	105 ppm
Phosphate (PO4)	≤ 3.5 %	3.0 %
Particle Size Distribution > 45um		0.2 %



Ali Ataei, 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.