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Certificate of Analysis

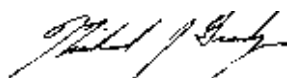
Product Name:

Magnesium oxide - nanopowder, <50 nm particle size (BET)

Product Number: 549649
Batch Number: MKCF1342
Brand: ALDRICH
CAS Number: 1309-48-4
MDL Number: MFCD00011109
Formula: MgO
Formula Weight: 40.30 g/mol
Quality Release Date: 05 OCT 2017

MgO

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
X-Ray Diffraction	Conforms to Structure	Conforms
Size	≤ 50.0	29.7
nm BET		
Miscellaneous Assay	Confirmed	Confirmed
Specific Surface Area: 60-100 m ² /g		



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.