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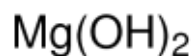
Email USA: techserv@sial.com

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Product Specification

Product Name:
Magnesium hydroxide - BioXtra, ≥95%

Product Number: M5421
CAS Number: 1309-42-8
MDL: MFCD00011104
Formula: H₂MgO₂
Formula Weight: 58.32 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Yellow
Solubility (Turbidity)	Clear
0.1 M, 5 M HCl	
Ammonia (NH ₃)	≤ 0.05 %
Chloride Content	≤ 0.5 %
Insoluble matter	≤ 0.1 %
Aluminum (Al)	≤ 0.02 %
Lead (Pb)	≤ 0.001 %
Phosphorus (P)	≤ 0.01 %
Calcium (Ca)	≤ 0.7 %
Sodium (Na)	≤ 0.05 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.02 %
Zinc (Zn)	≤ 0.002 %
Potassium (K)	≤ 0.005 %
% Purity (Titration)	≥ 95
EDTA	

Specification: PRD.1.ZQ5.10000071642

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.