

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

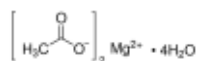
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Magnesium acetate tetrahydrate - BioXtra, ≥99%

Product Number: M2545
CAS Number: 16674-78-5
MDL: MFCD00149214
Formula: C₄H₆MgO₄ · 4H₂O
Formula Weight: 214.45 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder to Crystalline Powder
may be powder with lumps	
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 M, H ₂ O	
Insoluble matter	≤ 0.005 %
Sulfate (SO ₄)	Pass
< or = 0.005%	
Chloride (Cl)	Pass
< or = 0.001%	
Aluminum (AL)	≤ 0.002 %
Phosphorus (P)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Barium	≤ 0.001 %
Strontium (Sr)	≤ 0.005 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.001 %
Iron (Fe)	≤ 0.0005 %
Potassium (K)	≤ 0.005 %
Manganese (Mn)	≤ 0.005 %
Calcium (Ca)	≤ 0.002 %
Sodium (Na)	≤ 0.005 %
Ammonia (NH ₃)	≤ 0.05 %

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.

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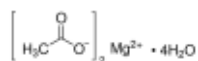
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TEST	Specification
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Recommended Retest Period 4 years	-----
Titration with EDTA	≥ 99 %

Specification: PRD.6.ZQ5.10000006983

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