

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

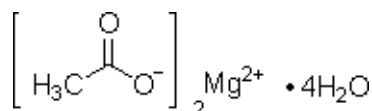
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Magnesium acetate tetrahydrate - for molecular biology, ≥99%

Product Number: M5661
CAS Number: 16674-78-5
MDL: MFCD00149214
Formula: C₄H₆MgO₄ · 4H₂O
Formula Weight: 214.45 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
100 mg/mL in HOAc:H ₂ O (1:99)	
Chloride	Conforms
< or = 0.001%	
Sulfate	Conforms
< or = 0.005%	
Heavy Metals (as Lead)	Conforms
< or = 5 ppm	
Barium	Conforms
< or = 0.001%	
Iron	Conforms
< or = 5 ppm	
Sodium	Conforms
< or = 0.005%	
Potassium	Conforms
< or = 0.005%	
DNase, Exonuclease Detection	None Detected
RNAse Detection	None Detected
Protease Detection	None Detected
Titration with EDTA	≥ 99 %
Recommended Retest Period	-----
4 years	

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.

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Magnesium acetate tetrahydrate - for molecular biology, ≥99%

Product Number:

M5661

CAS Number:

16674-78-5

MDL:

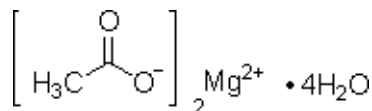
MFCD00149214

Formula:

C₄H₆MgO₄ · 4H₂O

Formula Weight:

214.45 g/mol

**TEST****Specification**

Specification: PRD.0.ZQ5.10000034263

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.