



Version	01
Molecular weight	214.46
Quality Test / Release Date	07/31/2017
Molecular Formula	C ₄ H ₆ O ₄ Mg · 4 H ₂ O
CAS No	16674-78-5
Linear Formula	(CH ₃ CO ₂) ₂ Mg·4H ₂ O
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	21157	Quality Test / Release Date 07/31/2017
Lot Number	A0387214	
Description	Magnesium acetate tetrahydrate, 97.5%, extra pure, crystalline	
Country of Origin	GERMANY	
Declaration of Origin	synthetic	

BSE/TSE comment	
------------------------	--

Chemical Comment	
-------------------------	--

Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystalline powder	Crystalline powder
Infrared spectrum		Authentic	Authentic
Titration Complexometric		≥97 %	100.2 %
Heavy metals (as Pb)		≤20 ppm	≤10 ppm
Chloride (Cl)		≤100 ppm	≤50 ppm
Sulfate (SO ₄)		≤500 ppm	≤300 ppm
Iron (Fe)		≤50 ppm	≤1 ppm



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 01-31-2020

Acros Organics
 ENA23, zone1, nr 1350, Janssen Pharmaceuticaalaa 3a, B-2440 Geel, Belgium
 Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: <http://www.acros.com>
 1 Regent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329