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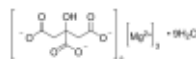
Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Certificate of Analysis

Product Name:

Magnesium citrate tribasic nonahydrate - suitable for microbiology, ≥95.0% (KT)

**Product Number:** 63067  
**Batch Number:** BCCF7789  
**Brand:** SIAL  
**CAS Number:** 153531-96-5  
**Formula Weight:** 613,25 g/mol  
**Quality Release Date:** 23 APR 2021



Test	Specification	Result
Appearance (Color)	Colorless or White	White
Appearance (Form)	Powder	Powder
Titration with EDTA	95.0 - 105.0 %	97.4 %
Metal Trace Analysis (ICP)	Corresponds to Requirements	Pass
Calcium (Ca)	≤ 500 mg/kg	< 500 mg/kg
Cadmium (Cd)	≤ 50 mg/kg	< 50 mg/kg
Cobalt (Co)	≤ 50 mg/kg	< 50 mg/kg
Copper (Cu)	≤ 50 mg/kg	< 50 mg/kg
Iron (Fe)	≤ 50 mg/kg	< 50 mg/kg
Potassium (K)	≤ 500 mg/kg	< 500 mg/kg
Sodium (Na)	≤ 200 mg/kg	< 200 mg/kg
Nickel (Ni)	≤ 50 mg/kg	< 50 mg/kg
Lead (Pb)	≤ 50 mg/kg	< 50 mg/kg
Zinc (Zn)	≤ 50 mg/kg	< 50 mg/kg
Total Sulfur as SO <sub>4</sub> (ICP)	≤ 500 mg/kg	< 500 mg/kg
Chloride (Cl)	≤ 70 mg/kg	< 70 mg/kg

Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

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](http://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.