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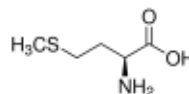
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## Certificate of Analysis

Product Name:

L-Methionine - reagent grade, ≥98% (HPLC)

**Product Number:** M9625  
**Batch Number:** SLBX1013  
**Brand:** SIAL  
**CAS Number:** 63-68-3  
**MDL Number:** MFCD00063097  
**Formula:** C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S  
**Formula Weight:** 149.21 g/mol  
**Quality Release Date:** 05 MAR 2018  
**Recommended Retest Date:** MAR 2024



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/ml, 1 M HCl		
Infrared Spectrum	Conforms to Structure	Conforms
Carbon	39.4 - 41.0 %	40.3 %
Nitrogen	9.1 - 9.7 %	9.4 %
Specific Rotation	21.9 - 24.1 °	23.1 °
c = 2 in 6 N HCl at 25 deg C		
Purity (HPLC)	≥ 98 %	100 %

Rodney Burbach, Manager  
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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.