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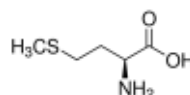
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## Product Specification

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

**Product Number:** M9625  
**CAS Number:** 63-68-3  
**MDL:** MFCD00063097  
**Formula:** C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S  
**Formula Weight:** 149.21 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/ml, 1 M HCl	
Carbon	39.4 - 41.0 %
Nitrogen	9.1 - 9.7 %
Specific Rotation	21.9 - 24.1 °
c = 2 in 6 N HCl at 25 deg C	
Purity (HPLC)	≥ 98 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Recommended Retest Period	-----
6 years	

Specification: PRD.4.ZQ5.10000006778

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.