

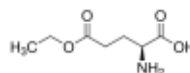
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Product Specification

Product Name:
L-Glutamic acid γ -ethyl ester

Product Number: **G1876**
CAS Number: 1119-33-1
MDL: MFCD00037217
Formula: C₇H₁₃NO₄
Formula Weight: 175.18 g/mol
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Hazy
100 mg/mL, H ₂ O	
Proton NMR spectrum	Conforms to Structure
Carbon	47.8 - 48.3 %
Nitrogen	7.8 - 8.2 %
Copper (Cu)	≤ 0.002 %
Iron (Fe)	≤ 0.0005 %
Nickel	≤ 0.0005 %
Purity (TLC)	≥ 99 %

Specification: PRD.0.ZQ5.10000046003

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.