

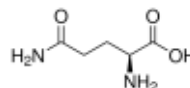
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Product Specification

Product Name:
L-Glutamine – Vetec™ reagent grade, ≥99%

Product Number: **V900419**
CAS Number: 56-85-9



Formula: C5H10N2O3
Formula Weight: 146.14 g/mol

| TEST | Specification |
|--------------------------------|------------------------|
| Appearance (Colour) | White to Off-White |
| Appearance (Form) | Powder |
| Solubility (Colour) | Colorless |
| Solubility (Turbidity) | Clear to Slightly Hazy |
| 1.0 g to 10 mL, 1 M HCl | |
| Purity (TLC) | ≥ 99 % |
| Infrared spectrum | Conforms to Structure |
| Specific Rotation | Conforms |
| C= 2 in 1 M HCl at 25 deg C | |
| Consistent with optical isomer | |

Specification: PRE.0.ZQ5.10000018253

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.