



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-263446
Lot Number: SAMPLE
Product Name: L-Valylglycine
CAS Number: 686-43-1
Molecular Formula: $C_7H_{14}N_2O_3$
Molecular Weight: 174.20

| Test | Specification | Result |
|------------------------------------|---------------------------|-----------------------------------|
| Appearance | | White powder |
| Identification (Infrared Spectrum) | Consistent with reference | Complies |
| Purity (Titration) | | 100.6% |
| TLC | | One spot |
| Melting Point | | 258 - 261 °C |
| Solubility | | Soluble in H ₂ O, MeOH |
| Specific Rotation | | +98.4° |
| Carbon Content | 48.3% | 48.5% |
| Hydrogen Content | 8.1% | 8.17% |
| Nitrogen Content | 16.1% | 16.4% |
| Water Content (KF) | | 0% |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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