



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-257401
Lot Number: SAMPLE
Product Name: DL-Proline
CAS Number: 609-36-9
Molecular Formula: $C_5H_9NO_2$
Molecular Weight: 115.13

Test	Specification	Result
Appearance	White powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	98.5 - 101.5% (by $HClO_4$)	99.4%
Solubility	Clear to hazy, colorless to faint yellow solution at 20% in water	Clear and faint yellow solution
Carbon Content	51.4 - 52.9%	52.2%
Nitrogen Content	11.9 - 12.5%	12.1%

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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