



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-294115
Lot Number: SAMPLE
Product Name: Cyclo(-Ala-Ala)
CAS Number: 5845-61-4
Molecular Formula: $C_6H_{10}N_2O_2$
Molecular Weight: 142.16

Test	Specification	Result
Appearance		White powder
Identification (Mass Spectrometry - ESI)		m = 142.1 u (average mass)
Purity (Elemental Analysis)		100.4% Based on Nitrogen content
Purity (TLC)		> 99%
Solubility		Clear, colorless solution (25 mg/ml in AcOH 80%)
Optical Rotation ($\alpha_{24/D}$)		-27.2° (1% in acetic acid 80%)
Carbon Content	50.69%	50.91%
Hydrogen Content	7.09%	7.08%
Nitrogen Content	19.71%	19.79%

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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