



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-291783
Lot Number: SAMPLE
Product Name: Ac-D-phenylglycinol
CAS Number: 78761-26-9
Molecular Formula: $C_{10}H_{13}NO_2$
Molecular Weight: 179.22

Test	Specification	Result
Appearance		Off-white powder
Assay		99.7% (Cth 67.02%, Cfd 66.82%)
Purity (TLC)		> 99%
TLC		Complies
Melting Point		102 °C
Solution		Clear colorless solution (50 mg/mL in methanol)
Optical Rotation ($\alpha_{24/D}$)		-87.7° (C = 1 in $CHCl_3$)
Carbon Content	67.0%	66.8%
Hydrogen Content	7.3%	7.2%
Nitrogen Content	7.8%	Complies

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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