



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-471676
Lot Number: SAMPLE
Product Name: 4-Hydroxy-D-phenylglycine
CAS Number: 22818-40-2
Molecular Formula: $C_8H_9NO_3$
Molecular Weight: 167.15

Test	Result
Appearance	White fine crystals
Identification (1H-NMR)	Complies
Identification (Infrared Spectrum)	Complies
Purity	98.5% (Calculated using measured vs. ideal CHN content)
Melting Point	241.9 °C
Solubility	Turbidity: Clear Method: 50 mg/mL NH ₄ OH
Specific Rotation (α_{20}/D)	-159.3° (c = 1 in 1 N HCl)
Carbon Content	57.02%
Hydrogen Content	5.26%
Nitrogen Content	8.25%

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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