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Certificate of Analysis

Catalogue Number	08006
Product	Ac-D-phenylglycinol
Lot Number	000127-1055513 Ac-D-Phg-ol <i>N</i> -Acetyl-D-phenylglycinol
CAS Number	78761-26-9
Molecular Formula	C ₁₀ H ₁₃ NO ₂
Molecular Weight	179.22
Appearance	Off-white powder
Appearance of Solution	Clear colorless solution (50 mg/mL in methanol)
Melting Point	102 °C
Elemental Analysis (Theory)	C = 67.0%; H = 7.3%; N = 7.8%
Elemental Analysis (Found)	C = 66.8%; H = 7.2%; N = 7.8%
TLC System	Chloroform/Methanol/Acetic acid (85:10:5) Chloroform/Methanol/Acetic Acid/H ₂ O (70:42:0.5:10) Ethylacetate/Pyridine/Acetic Acid (60:103:4) Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -87.7° (C=1 in CHCl ₃)
Assay	99.7% (Cth 67.02%, Cfd 66.82%)
Purity by TLC	> 99%
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager