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Certificate of Analysis

Catalog Number	03018
Product Name	Bz-D-Ala-OH Benzoyl-D-alanine
Lot Number	0011070717
CAS Registry Number	17966-60-8
Molecular Formula	C ₁₀ H ₁₁ NO ₃
Molecular Weight	193.20
Appearance	Off-white powder
Solubility	Clear solution in MeOH
Melting Point	130-132 °C
Optical Rotation	$\alpha_D^{25} = -5.5 \pm 1^\circ$ (1% in MeOH)
Purity (HPLC)	98%
HPLC Conditions	
Mobile Phase	Buffer A 0.1% TFA/99.9% H ₂ O Buffer B 0.1% TFA/4.9% H ₂ O/95% CH ₃ CN
Gradient	10-60% Buffer B in 20 min
λ	210 nm
Column	150X4.6mm, 5 μ m, C ₁₈ Column
Flow Rate	1.2 ml/min
Storage	Store at RT.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

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

Quality Control Manager