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Certificate of Analysis

Catalog Number	07437
Product Name	H-D-Phe(2-CN)-OH 2-Cyano-D-phenylalanine H-o-Cyano-D-Phe-OH
Lot Number	1190100415
Molecular Formula	C ₁₀ H ₁₀ N ₂ O ₂
Molecular Weight	190.20
Appearance	Off-white powder
Solubility	Clear solution in 1N HCl:MeOH = 1:1
Melting Point	> 280 °C (Dec.)
Specific Optical Rotation	$\alpha_D^{25} = -70 \pm 2^\circ$ (1% in 1N HCl:MeOH = 1:1)
Purity (HPLC)	98%
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 20minutes
λ	210nm
Column	150 X 4.6mm, 5 μ m, C ₁₈ Column
Flow rate	1.2ml/min.
Storage	Store at -0°C.
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