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Certificate of Analysis

Catalog Number	02855
Product Name	H-D-Phe(3,4-DiCl)-OH 3,4-Dichloro-D-phenylalanine
Lot Number	2855-123099-V
Molecular Formula	C ₉ H ₉ N ₂ O ₂ Cl ₂
Molecular Weight	234.2
Melting Point	212-216°C
Optical Rotation	$\alpha_D = -8.6^\circ$ (C=1, MeOH-6N HCl; 109:1)
Chromatography: TLC	Butanol:Acetic acid:Water 4:1:1 R _f = 0.35
HPLC	Purity 99.50 % Vydac C ₁₈ column, gradient elution 30-70% B in 25 min., t _R 4.2 min, $\epsilon = 214$ nm, flow rate 1ml/min, A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (90:10:0.38)
Storage	Store at 0-5 °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



Sashi Kumar
Quality Control Manager