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Certificate of Analysis

Catalog Number	04339
Product Name	Ac-Asn(Trt)-OH N-Acetyl-N ^α -trityl-L-asparagine
Lot Number	4339-031900-V
Molecular Formula	C ₂₅ H ₂₄ N ₂ O ₅
Molecular Weight	416.40
Melting Point	195-197 °C (crystals from acetone-ethyl acetate)
Specific Rotation [α] _D	-8.7° (c=1.0, DMF)
Chromatography	Chloroform: Methanol: Acetic acid 85:15:5 R _f =0.50 Ethyl acetate: Butanol:Acetic acid:Water 1:1:1:1 R _f = 0.86
HPLC	Purity 99.2 % Vydac C ₁₈ column, gradient elution 50-95% B in 25 min., t _R 6.1 min, λ=214 nm, flow rate 1ml/min, injection 1 μl of 0.5% solution in methanol A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (83:17:0.38)
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

