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Certificate of Analysis

Catalogue Number	05877
Lot Number	000127-1055514
Product	<i>N</i>^γ-4-Methyltrityl-L-asparagine
	L-Asn(Mtt)-OH
CAS Number	144317-20-4
Molecular Formula	C ₂₄ H ₂₄ N ₂ O ₃
Molecular Weight	388.49

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in Methanol)
TLC System	Chloroform/Methanol/Toluene/H ₂ O (8:8:8:1) Ethyl acetate/Pyridine/Acetic acid/H ₂ O (60:20:6:11) Chloroform/Methanol/Acetic acid/H ₂ O (70:42:0.5:10) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = -21.5° (C=1 in MeOH)
Assay	99.2% (Nth 7.21, Nfd 7.15%)
Purity by TLC	> 98%
Storage	Store at 0-8 °C
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