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Certificate of Analysis

Catalogue Number	04432
Product	<i>N</i>^d-Trityl-D-glutamine hydrate
Lot Number	000424-150108-16806 D-Gln(Trt)-OH·H ₂ O
CAS Number	200625-76-9
Molecular Formula	C ₂₄ H ₂₄ N ₂ O ₃ ·H ₂ O
Molecular Weight	406.5

Appearance	White powder
Solubility	Clear solution (0.3 gram in 4ml AcOH)
Melting Point	216.6-218.8 °C
Water Content (Karl Fisher)	1.609%
Optical Rotation	[α] _D ²⁰ = +14.4° (C=1, in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.75% (105°C,2h)
¹⁹F NMR	Conforms to structure
Purity by HPLC	99.20%
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