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Certificate of Analysis

Catalogue Number	04427
Lot Number	000424-170808-16179
Product	L-Glutamic acid α-amide L-Glu-NH ₂
CAS Number	636-65-7
Molecular Formula	C ₅ H ₁₀ N ₂ O ₃
Molecular Weight	146.1

Appearance	White powder
Solubility	Clear solution (0.3 g in 2ml H ₂ O)
Melting Point	157.7-167.4 °C
Optical Rotation	[α] _D ²⁰ = + 20.7 ° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.38% (80°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.35%
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