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Certificate of Analysis

Catalogue Number	03038
Product	L-Aspartic acid β-benzyl ester
Lot Number	000424-130130-11016 L-Asp(OBzl)-OH
CAS Number	2177-63-1
Molecular Formula	C ₁₁ H ₁₃ NO ₄
Molecular Weight	223.2

Appearance	White crystalline powder
Solubility	Clear solution (0.1 g in 2 mL 1N HCl)
Melting Point	203.5-203.7 °C
Water Content (Karl Fisher)	0.28%
Optical Rotation	[α] _D ²⁰ = +27.2° (C=1 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.02% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.07%
Storage	Store at 0-8 °C

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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