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Certificate of Analysis

Catalogue Number	01348
Lot Number	000424-200401-30611
Product	Boc-L-glutamic acid-α-benzyl ester Boc-L-Glu-OBzl
CAS Number	30924-93-7
Molecular Formula	C ₁₇ H ₂₃ NO ₆
Molecular Weight	337.4

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	95.8 - 96.1 °C
Water Content (Karl Fisher)	0.08%
Optical Rotation	[α] _D ²⁰ = -29.2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.01% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.34%
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