

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	12001
Lot Number	000424-220626-16405
Product	L-Aspartic acid β-benzyl ester α-tert-butyl L-Asp(OBzl)-OtBu•HCl
CAS Number	94347-11-2
Molecular Formula	C ₁₅ H ₂₁ NO ₅ •HCl
Molecular Weight	331.83

Appearance	White powder
Solubility	Clear solution (0.1 gram in 2 ml DMF)
Melting Point	112.8 - 113.3 °C
Water Content (Karl Fisher)	0.34%
Optical Rotation	[α] _D ²⁰ = 20.5 ° (C=2 in MeOH)
Infrared Spectrum	Conforms to standard
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.2% (40 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	98.5%
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