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Certificate of Analysis

Catalogue Number	06414
Lot Number	000424-190818-11415
Product	Z-L-Aspartic acid α-<i>tert</i>-butyl ester dicyclohexylammonium salt Z-L-Asp-OtBu•DCHA
CAS Number	23632-70-4
Molecular Formula	C ₁₆ H ₂₁ NO ₆ •C ₁₂ H ₂₃ N
Molecular Weight	504.63

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	120.4 - 121.4 °C
Water Content (Karl Fisher)	0.089%
Optical Rotation	[α] _D ²⁰ = -9.6 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.330% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.18%
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