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Certificate of Analysis

Catalogue Number	02148
Lot Number	000424-160622-11405
Product	Z-L-aspartic acid β-tert-butyl ester dicyclohexylammonium salt Z-L-Asp(OtBu)-OH•DCHA
CAS Number	5545-52-8 (net)
Molecular Formula	C ₁₆ H ₂₁ NO ₆ •C ₁₂ H ₂₃ N
Molecular Weight	504.67

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	125.8-130 °C
Water Content (Karl Fisher)	0.30%
Optical Rotation	[α] _D ²⁰ = +8.5° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.16% (60 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	98.81%
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