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Certificate of Analysis

Catalogue Number	01666
Lot Number	000424-180519-12015
Product	Z-L-alanine-N-hydroxysuccinimide ester Z-L-Ala-OSu
CAS Number	3401-36-3
Molecular Formula	C ₁₅ H ₁₆ N ₂ O ₆
Molecular Weight	320.3
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Appearance	White powder
Solubility	Clear solution (0.3g in 2ml DMF)
Melting Point	121.7 - 122.0 °C
Water Content (Karl Fisher)	0.34%
Optical Rotation	[α] _D ²⁰ = -29.1° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.18% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.61%
Storage	Store at ≤ -15 °C

Certificate of Analysis

Catalog Number: 01666

Lot Number: 000424-180519-12015

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