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Certificate of Analysis

Catalogue Number	03856
Lot Number	000424-160627-11904
Product	Z-L-proline N-hydroxysuccinimide ester

Z-L-Pro-OSu

CAS Number	3397-33-9
Molecular Formula	C ₁₇ H ₁₈ N ₂ O ₆

Molecular Weight	346.3
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	89.0 - 91.3 °C
Water Content (Karl Fisher)	0.11%
Kaiser Test	< 0.05%
Optical Rotation	[α] _D ²⁰ = -58.3 ° (C=1 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.34% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.84%
Storage	Store at 0 - 8 °C

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Lot Number: 000424-160627-11904

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