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Certificate of Analysis

Catalogue Number	03873
Lot Number	000127-1058343
Product	Z-L-glutamine N-hydroxysuccinimide ester Z-L-Gln-OSu
CAS Number	34078-85-8
Molecular Formula	C ₁₇ H ₁₉ N ₃ O ₇
Molecular Weight	377.35

Appearance	White powder
Appearance of Solution	Clear colorless solution (50 mg/mL in acetone)
Melting Point	127 °C
Elemental Analysis (Theory)	C = 54.11%; H = 5.08%; N = 11.14%
Elemental Analysis (Found)	C = 53.7%; H = 5.1%; N = 10.8%
TLC System	Decomposes on TLC plate
Optical Rotation	[α] _D ²⁴ = -29.6° (C=1% in EtOH)
Purity	96.9% (Elemental analysis based on Nitrogen content)
Storage	Store at ≤ -4 °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