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Certificate of Analysis

Catalogue Number	03675
Lot Number	000424-131018-31905
Product	Boc-L-valine N-hydroxysuccinimide ester

Boc-L-Val-OSu

CAS Number	3392-12-9
Molecular Formula	C ₁₄ H ₂₂ N ₂ O ₆

Molecular Weight	314.3
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Appearance	White powder
Solubility	Clear, solution (0.3 gram in 6 mL MeOH)
Melting Point	124.7-125.7 °C
Water Content (Karl Fisher)	0.054%
Optical Rotation	[α] _D ²⁰ = -38.5° (C=2 in Dioxane)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.18% (60 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.03%
Storage	Store at ≤ -15°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