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Certificate of Analysis

Catalogue Number	03099
Lot Number	000424-120619-13014
Product	<i>N</i>^ε-Boc-L-lysine methyl ester hydrochloride
	L-Lys(Boc)-OMe•HCl
CAS Number	2389-48-2
Molecular Formula	C ₁₂ H ₂₄ N ₂ O ₄ •HCl
Molecular Weight	296.8

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	154.7-155.3 °C
Water Content (Karl Fisher)	0.39%
Optical Rotation	[α] _D ²⁰ = +18 ± 2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.17% (50 °C for 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.03%
Storage	Store at 0-8°C

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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