

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	06245
Lot Number	000872-20130401
Product	L-Threonine <i>tert</i>-butyl ester hydrochloride L-Thr-OtBu•HCl
CAS Number	69320-90-7
Molecular Formula	C ₈ H ₁₇ NO ₃ •HCl
Molecular Weight	211.69

Appearance	White crystalline powder
Melting Point	133.7-135.4 °C
Water Content (Karl Fisher)	0.8%
Optical Rotation	[α] _D ²⁰ = -19.2° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Assay by titration	100.9%
D-Enantiomer	< 0.3%
Purity by TLC	< 1% (free Thr)
Storage	Store at 0-8°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