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Certificate of Analysis

Catalogue Number	03317
Lot Number	000424-140621-11076
Product	<i>O</i>-tert-Butyl-D-threonine methyl ester hydrochloride D-Thr(tBu)-OMe•HCl
CAS Number	115141-43-0
Molecular Formula	C ₉ H ₁₉ NO ₃ •HCl
Molecular Weight	225.8

Appearance	White powder
Solubility	Clear, solution (0.3 g in 2 ml DMF)
Melting Point	143.1-143.7 °C
Water Content (Karl Fisher)	1.741%
Optical Rotation	[α] _D ²⁰ = -10.7° (C = 1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	98.67%
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