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Certificate of Analysis

Catalogue Number	06010
Lot Number	000424-140609-11068
Product	D-Threonine benzyl ester hydrochloride D-Thr-OBzl•HCl
Molecular Formula	C ₁₁ H ₁₅ NO ₃ •HCl
Molecular Weight	245.71

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	126.1-128.0 °C
Water Content (Karl Fisher)	0.251%
Optical Rotation	[α] _D ²⁰ = +13.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.47%
¹H NMR	Conforms to structure
Purity by HPLC	99.70%
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