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Certificate of Analysis

Catalogue Number	02258
Lot Number	000424-140923-11714
Product	Z-L-threonine α-benzyl ester

Z-L-Thr-OBzl

CAS Number	16597-50-5
Molecular Formula	C ₁₉ H ₂₁ NO ₅
Molecular Weight	343.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL in DMF)
Melting Point	79.5-80.0 °C
Water Content (Karl Fisher)	0.078%
Optical Rotation	$[\alpha]_D^{20} = -10.4^\circ$ (C=2 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.16%
¹H NMR	Conforms to structure
Purity by HPLC	99.26%
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