

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	00427
Product Name	H-Thr(tBu)-OH O-t-Butyl-L-threonine
Lot Number	12731
CAS Registry Number	4378-13-6
Molecular Formula	C ₈ H ₁₇ NO ₃
Molecular Weight	175.2
Appearance	White powder
Melting Point	208 °C (Dec.)
Optical Rotation	$\alpha_{\text{NaD}}^{20} = -41.3^\circ$ (c=1 in MeOH)
Assay by TLC	
AcOEt/MeOH/H₂O 5/2/1	Single spot
	TLC-Concentration = 25 mg/ml
Other Enantiomer	< 0.1%
Free Amino Acid (TLC)	< 0.5%
Loss on Drying	< 0.2%
Storage	Store at -0°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Quality Control Manager