

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	01321
Product Name	H-D-Thi-OH β -(2-Thienyl)-D-alanine
Lot Number	160.1B0.1
Appearance	off-white crystals
Identity	IR identical to reference UV: in CH ₃ CN/bidist. H ₂ O (1:1) $\epsilon_{\max} = 232.7 \text{ nm}$ $\epsilon_{\text{mol}} = 8138$
Melting Point	248.5 - 253.0°C
Purity (HPLC)	99.88%
Optical Rotation	$\alpha_{\text{D}}^{25} = +15.4^{\circ}$ (c=1.0 in 0.1 N HCl)
Water Content	< 0.3%
Content l-enantiomer	< 0.1%
CAS Registry Number	139-86-6
Molecular Formula	C ₇ H ₉ NO ₂ S
Molecular Weight	171.2
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



Sashi Kumar
Quality Control Manager