

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	03432
<b>Product Name</b>	H-DL-Thi-OH β-(2-Thienyl)-DL-alanine
<b>Lot Number</b>	459.1B2.1
<b>CAS Registry Number</b>	2021-58-1
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub> S
<b>Molecular Weight</b>	171.2
<b>Appearance</b>	off-white crystals
<b>Identity</b>	IR identical to reference UV: in CH <sub>3</sub> CN/bidist. H <sub>2</sub> O (1:1) ε <sub>max</sub> = 232.9nm α <sub>mol</sub> = 8345
<b>Melting Point</b>	257.8-259.0°C
<b>Purity HPLC</b>	>99+%
<b>Optical rotation</b>	[α <sup>25</sup> ] <sub>D</sub> = 0°C (c=1.0 in 0.1 N HCl)
<b>Water content</b>	< 1.0 %
<b>Storage</b>	Store in cooler.
<b>Remarks</b>	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