

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 15396  
**Lot Number** 000705-696820  
**Product** **(3-Thienyl)-L-β-homoalanine**

L-β-HomoAla(3-thienyl)-OH

(S)-3-Amino-4-(3-thienyl)butyric acid

**CAS Number** 270262-99-2  
**Molecular Formula** C<sub>8</sub>H<sub>12</sub>ClNO<sub>2</sub>S  
**Molecular Weight** 221.7

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**Appearance** White Powder  
**Melting Point** 189-190 °C  
**TLC System** Butanol/Acetic acid/Water (4:1:2) Single spot  
Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot  
Visualized with: UV/Iodine  
**Optical Rotation** [α]<sub>D</sub><sup>25</sup> = -4.2° (C=1 in DMF)  
**Purity by TLC** > 98%  
**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**