Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence:935 Dillon Drive
825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 07415

Lot Number 001562-160901

Product Boc-β-(3-thienyl)-D-alanine

dicyclohexylammonium salt

 $Boc\text{-}3\text{-}D\text{-}Ala(3\text{-}thienyl)\text{-}OH\bullet DCHA$

CAS Number 226880-86-0

Molecular Formula C₁₂H₁₇NO₄S·C₁₂H₂₃N

Molecular Weight 452.3

Appearance White powder

Water Content (Karl 0.2%

Fisher)

¹**H NMR** Conforms to structure

Purity by HPLC 98.6% Chiral Purity 99% (ee)

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