

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

**Catalogue Number** 01383  
**Lot Number** 1383-042699-1  
**Product** **Boc- $\beta$ -(2-thienyl)-D-alanine**

Boc-3-D-Ala(2-thienyl)-OH

(R)-N-Boc-2-thienylalanine

**CAS Number** 78452-55-8  
**Molecular Formula** C<sub>12</sub>H<sub>17</sub>NO<sub>4</sub>S  
**Molecular Weight** 271.3

---

**Appearance** White to off-white powder  
**Melting Point** 72-74 °C  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -26.4° (C=1.930% in EtOH)  
**Purity by HPLC** 99.9%  
**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**