

# *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

---

## *Product Specifications*

**Catalogue Number** 06571

**Product** **Z- $\beta$ -alanine N-hydroxysuccinimide ester**

Z- $\beta$ -Ala-OSu

**CAS Number** 53733-97-4

**Molecular Formula** C<sub>15</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>

**Molecular Weight** 320.3

---

**Appearance** White powder

**Solubility** Clear colorless solution (50 mg/mL in Dioxane)

**Melting Point** 83-87 °C

**Elemental Analysis (Theory)** C = 56.3 ± 0.4%; H = 5.0 ± 0.4%; N = 8.8 ± 0.4%

**TLC System** Chloroform/Ethyl acetate/Acetic acid (50:50:2)  
Chloroform/Methanol/Acetic acid/Water (90:8:2)  
Methanol 60%  
Plate: Silicagel 60 F<sub>254</sub>  
Detected by: UV, Ammoniummolybdate, Ninhydrin, chlorine-tolidine

**Assay** ≥ 99% (Elemental analysis based on Carbon)

**Purity by TLC** ≥ 98%

**Storage** Store at 0-8 °C

**For Laboratory Use Only**