

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	07481
Product	Z-L-glutamic acid γ-benzyl ester α-N-Z-L-Glu(OBzl)-OSu
CAS Number	67413-34-7
Molecular Formula	C ₂₄ H ₂₄ N ₂ O ₈
Molecular Weight	468.46

Appearance	Colorless oil
Solubility	Clear, colorless solution (50 mg/mL in Acetone)
Water Content (Karl Fisher)	≤ 0.5%
TLC System	Chloroform/Methanol/Benzene/Water (8:8:8:1) Chloroform/Methanol/Acetic Acid (90:8:2) Chloroform/Ethylacetate/Acetic acid (50:50:2) Plate: Silica gel 60 F ₂₅₄ Detected by UV, ninhydrin, chlorine-tolidine
Assay	≥ 90% (Nth ~ 5.98% by elemental analysis)
Purity by TLC	≥ 95%
Storage	Store at 0-8 °C

For Laboratory Use Only