

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	10021
Product	Suc-Ala-Glu-Pro-Phe-pNA
CAS Number	128802-76-6
Molecular Formula	C ₃₂ H ₃₈ N ₆ O ₁₁
Molecular Weight	682.69

Appearance	White powder
Solubility	Clear colorless solution (50 mg/ml in dioxane)
Water Content (Karl Fisher)	≤ 1.5%
TLC System	Chloroform/methanol/acetic acid/water (45:13:1:2) Ethylacetate/pyridine/acetic acid/water (60:20:6:11) Chloroform/methanol/acetic acid/water (85:13:0.5:1.5) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, Chlorine-tolidine
Residual Solvents	By GC: ≤ 2.0% Ether ≤ 1.5% Dimethylformamide ≤ 1.5% Ethylacetate
Related Substances	≤ 0.1% pNa (TLC)
Assay by titration	≥ 94%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 99%
Storage	Store at ≤ -4°C

For Laboratory Use Only