

Analytical Data Sheet

Lot number **1000017847**
not for drug use

Catalog number **C-1745.0001**
Product number **4000405.0001**
Product **Z- Gly- Gly- Gly- Gly- OH**
Molecular formula **C₁₆H₂₀N₄O₇**
Relative molecular mass **380.36**

Tests	Results
Appearance	Off-white powder
Appearance of solution	clear, colorless solution (5 mg/ml in HCOOH 80 %)
Identification (TLC)	Complies with authentic material
Melting point	226 °C
Purity (HPLC)	99.4% TEAP
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Nth 14.73 %, Nfd 10.67 %)

Latest update: June 28, 2019

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