

Analytical Data Sheet

Lot number **1000049645**
not for drug use

Product Z-Gly-Gly-Gly-OSu

Product number **4001727.0005**

Molecular formula $C_{18}H_{20}N_4O_8$

Relative molecular mass 420.38

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in dioxane)
Identification (TLC)	complies with authentic material
Melting point	150 ° C
Purity (TLC)	decomposes on TLC plate
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	96.8% (Nth 13.33%, Nfd 12.90%)
Water content (KF volumetric)	0.7%

Latest update: July 19, 2021

Analytical Data Sheet
Lot number **1000049645**