

Analytical Data Sheet

Lot number **1072505**
not for drug use

Catalog number **C-1045.0005**
Product number **4001947.0005**
Product **Z- Ala- Ala- OH**
Molecular formula **C₁₄H₁₈N₂O₅**
Relative molecular mass **294.31**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 57.14 % C = 57.17 % H = 6.16 % H = 6.07 % N = 9.52 % N = 9.53 %
Identification (TLC)	Complies with authentic material
Melting point	152 - 153 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Water content (KF volumetric)	0.5%

Latest update: July 08, 2017

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