

Analytical Data Sheet

Lot number **1000005077**
not for drug use

Catalog number **F-1465.0100**
Product number **4002516.0100**
Product **H- β - Cyclopentyl- DL- Ala- OH**
Molecular formula **C₈H₁₅NO₂**
Relative molecular mass **157.21**

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, slightly yellowish solution (50 mg/ml in acetic acid 80 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
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 6/5/1/3 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Cth 61.12 %, Cfd 60.85 %)
Assay (titration)	99.9% (HClO ₄)
Water content (KF volumetric)	0.2%

Latest update: August 27, 2018

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