

Analytical Data Sheet

Lot number

1021493

not for drug use

Catalog Number	F-1465.1000
Product number	4002516.1000
Product	H- β- Cyclopentyl- DL- Ala- OH
Molecular formula	C ₈ H ₁₅ NO ₂
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: January 08, 2009	Analytical Data Sheet Lot number 1021493