

Analytical Data Sheet

Lot number **1073285**
not for drug use

Catalog number **E-1015.0001**
Product number **4000351.0001**
Product **Ac- Ala- NHMe**
Molecular formula $C_6H_{12}N_2O_2$
Relative molecular mass 144.17

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 144.2u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (chiral chromatography)	< 0.1% D-enantiomer
Assay (elemental analysis)	99.7% (Nth 19.43%, Nfd 19.36%)
Water content (KF volumetric)	0.2%

Latest update: September 07, 2017

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