

## Analytical Data Sheet

Lot number **1075230**  
not for drug use

Catalog number **F-1765.0001**  
Product number **4003409.0001**  
Product **N- Me- Aib- OH**  
Molecular formula  $C_5H_{11}NO_2$   
Relative molecular mass 117.15

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80%)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	97.3% (TBAH)
Water content (KF volumetric)	1.4%
Acetic acid content (IC)	0.3%

Latest update: January 16, 2018

**Analytical Data Sheet**  
Lot number **1075230**