

Analytical Data Sheet

Lot number **1000027216**
not for drug use

Catalog number **F-1800.0005**
Product number **4004270.0005**
Product **H- α - Me- DL- Leu- OH**
Molecular formula **C₇H₁₅NO₂**
Relative molecular mass **145.20**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in AcOH)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	99.4% (TBAH)
Water content (KF volumetric)	0.1%

Latest update: January 20, 2020

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