

Analytical Data Sheet

Lot number **1070848**
not for drug use

Catalog number **F-3355.0005**
Product number **4026294.0005**
Product **H- α - Me- DL- Val- OH**
Molecular formula **C₆H₁₃NO₂**
Relative molecular mass **131.18**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 80 %)
Identification (elemental analysis)	Theory Found C = 54.9 % C = 54.8 % H = 10.0 % H = 9.9 % N = 10.7 % N = 10.6 %
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	100.5% (HClO ₄)

Latest update: March 16, 2017

Analytical Data Sheet
Lot number **1070848**