

Analytical Data Sheet

Lot number **1059422**
not for drug use

Catalog number **G-2620.0025**
Product number **4000177.0025**
Product **H- Leu- Val- OH**
Molecular formula $C_{11}H_{22}N_2O_3$
Relative molecular mass 230.31

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in 80% AcOH)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = + 15.2^\circ$ (2 % H ₂ O)
Purity (TLC)	≥ 99%
TLC conditions	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)	93.5% (Nth 12.16 %, Nfd 11.37 %)
Water content (KF volumetric)	2.9%

Latest update: May 18, 2015

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