

## Analytical Data Sheet

Lot number **1000010414**  
not for drug use

Catalog number **G-2470.0005**  
Product number **4003959.0005**  
Product **H- DL- Leu- DL- Ala- OH**  
Molecular formula  $C_9H_{18}N_2O_3$   
Relative molecular mass 202.25

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 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 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	94% (Nth 13.85 %, Nfd 13.02 %)
Water content (KF volumetric)	3.4%
Acetic acid content (HPLC)	1.7%

Latest update: January 03, 2019

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