

## Analytical Data Sheet

Lot number **1000003341**  
not for drug use

Catalog number **F-1920.0005**  
Product number **4031116.0005**  
Product **H- D- Nle- OH**  
Molecular formula  $C_6H_{13}NO_2$   
Relative molecular mass 131.18

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 1 N HCl)
Identification (TLC)	complies with authentic material
Specific optical rotation	- 21.9°
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 Plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Enantiomer content (GC)	< 0.10% L-enantiomer
Other amino acids (GC)	< 0.2%
Assay (elemental analysis)	99.9% (Nth 10.68%, Nfd 10.67%)

Latest update: July 13, 2018

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