

## Analytical Data Sheet

Lot number **1069847**  
not for drug use

Catalog number **F-1940.0005**  
Product number **4031120.0005**  
Product **H- Nva- OH**  
Molecular formula  $C_5H_{11}NO_2$   
Relative molecular mass 117.15

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = +22.4^\circ$ (5 % in 1N HCl)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Enantiomer content (GC)	0.1% D-Enantiomer
Other amino acids (GC)	< 0.3%
Assay (elemental analysis)	99.6% (Nth 11.96%, Nfd 11.91%)

Latest update: February 01, 2017

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