

## Analytical Data Sheet

Lot number **1054857**  
not for drug use

Catalog number **H-4085.0250**  
Product number **4000358.0250**  
Product **H- Lys- Ala- Ala- OH acetate salt**  
Molecular formula **C<sub>12</sub>H<sub>24</sub>N<sub>4</sub>O<sub>4</sub>**  
Relative molecular mass **288.35**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine
Assay (elemental analysis)	71% (Nth 19.43 %, Nfd 13.71 %)
Water content (KF volumetric)	0.8%
Acetic acid content (HPLC)	27.8%

Latest update: August 18, 2014

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