

## Analytical Data Sheet

Lot number **1066625**  
not for drug use

Catalog number **K-1245.1000**  
Product number **4001674.1000**  
Product **H- Gln- βNA · HCl**  
Molecular formula  $C_{15}H_{17}N_3O_2 \cdot HCl$   
Relative molecular mass 307.80

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in AcOH 80 %)
Identification (TLC)	complies with authentic material
Melting point	208 °C
Purity (TLC)	> 97%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 60/45/14/6 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Chloride content (titration)	11.4%

Latest update: June 27, 2016

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