

## Analytical Data Sheet

Lot number **1076033**  
not for drug use

**Catalog number** K-1245.0250  
**Product number** 4001674.0250  
**Product** H- Gln- βNA · HCl  
**Molecular formula** C<sub>15</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub> · HCl  
**Relative molecular mass** 307.80

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (5 % in AcOH 80 %)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	208 °C
<b>Purity (TLC)</b>	> 97%
<b>TLC conditions</b>	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
<b>Chloride content (titration)</b>	11.4%

Latest update: March 15, 2018

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