

## Analytical Data Sheet

Lot number **1000014347**  
not for drug use

Catalog number **H-9865.1000**  
Product number **4035999.1000**  
Product **H- Gly- Pro- Gly- NH<sub>2</sub> · HCl**  
Molecular formula **C<sub>9</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub> · HCl**  
Relative molecular mass **264.71**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol 50%)
Identification (ESI-MS)	m = 228.1u
Specific optical rotation	$[\alpha]_D^{24} = -64.9^\circ$ (1% in methanol 50%)
Purity (HPLC)	98.2% (IP, pH 2.5)
Assay (elemental analysis)	86.2% (Nth 24.55%, Nfd 21.15%)
Water content (KF volumetric)	0.5%
Chloride content (titration)	13.2% (AgNO <sub>3</sub> )

Latest update: April 01, 2019

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