

## Analytical Data Sheet

<b>Lot number</b>	<b>1000046660</b> not for drug use
<b>Product</b>	H-Pro-Gly-Pro-OH
<b>Product number</b>	<b>4035991.0005</b>
<b>Molecular formula</b>	C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>
<b>Relative molecular mass</b>	269.30

Tests	Results
<b>Appearance</b>	off-white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in AcOH 80%)
<b>Identification (ESI-MS)</b>	m = 269.3u (average mass)
<b>Purity (HPLC)</b>	95.7% (TFA)
<b>Purity (TLC)</b>	>97%
<b>TLC conditions</b>	isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	89.4% (N <sub>Th</sub> 15.60%, N <sub>Fd</sub> 13.94%)
<b>Water content (KF volumetric)</b>	3.8%

Latest update: March 11, 2021

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