

Analytical Data Sheet

Lot number **1076291**
not for drug use

Catalog number **H-7284.0025**
Product number **4035991.0025**
Product **H- Pro- Gly- Pro- OH**
Molecular formula $C_{12}H_{19}N_3O_4$
Relative molecular mass 269.30

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

Latest update: April 17, 2018

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