

Analytical Data Sheet

Lot number **1000053816**
not for drug use

Product H-Gly-Gly-Gly-Gly-Gly-OH

Product number **4006911.0005**

Molecular formula C₁₀H₁₇N₅O₆

Relative molecular mass 303.28

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/mL in formic acid 80%)
Identification (ESI-MS)	m = 303.3u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	95.28% (IP)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	95.9% (Nth 23.09%, Nfd 22.15%)
Water content (KF volumetric)	1.0%

Latest update: August 23, 2021

Analytical Data Sheet
Lot number **1000053816**