

Analytical Data Sheet

Lot number **1000027279**
not for drug use

Catalog number **G-2250.0005**
Product number **4007209.0005**
Product **H- Gly- Val- OH**
Molecular formula $C_7H_{14}N_2O_3$
Relative molecular mass 174.20

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH 50 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.0% (Nth 16.08 %, Nfd 15.75 %)
Water content (KF volumetric)	0.7%

Latest update: January 20, 2020

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