

Analytical Data Sheet

Lot number **1070087**
not for drug use

Catalog number **G-2190.0005**
Product number **4001970.0005**
Product **H- Gly- Pro- OH**
Molecular formula $C_7H_{12}N_2O_3$
Relative molecular mass 172.18

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -107.3^\circ$ (2% in water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	94.3% (Nth 16.27%, Nfd 15.35%)
Water content (KF volumetric)	5.1%

Latest update: February 15, 2017

Analytical Data Sheet
Lot number **1070087**