

Analytical Data Sheet

Lot number **1000024198**
not for drug use

Catalog number **H-3250.0001**
Product number **4002360.0001**
Product **H- Gly- Ala- Gly- OH**
Molecular formula **C₇H₁₃N₃O₄**
Relative molecular mass **203.20**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in water)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -63.9^\circ$ (1 % in 0.5N HCl)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	96.6% (Nth 20.68 %, Nfd 19.98 %)
General comment	product contains acetic acid

Latest update: November 01, 2019

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