

Analytical Data Sheet

Lot number **1000052936**
not for drug use

Product H-Gly-Gly-Ala-OH

Product number **4001910.0001**

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 (elemental analysis)	C-Value 41.1% H-Value 6.5% N-Value 20.5%
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -36.2^\circ$ (1% in water)
Purity (TLC)	≥99%
TLC conditions	isopropanol/ammonia conc. 1/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.0% (Nth 20.68%, Nfd 20.47%)
Water content (KF volumetric)	0.2%

Latest update: July 01, 2021

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