

Analytical Data Sheet

Lot number **1000001927**
not for drug use

Catalog number **G-4440.0250**
Product number **4026266.0250**
Product **H- Gly- Cys- OH**
Molecular formula **C₅H₁₀N₂O₃S**
Relative molecular mass **178.21**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in water)
Identification (ESI-MS)	m = 178.2u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 90%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	95.6% (TBAH)
General comment	product is prone to oxidation

Latest update: June 19, 2018

Analytical Data Sheet
Lot number **1000001927**