

Analytical Data Sheet

Lot number **1000023712**
not for drug use

Catalog number **G-1980.0250**
Product number **4005267.0250**
Product **H- Glu- Ser- OH**
Molecular formula **C₈H₁₄N₂O₆**
Relative molecular mass **234.21**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in water)
Identification (TLC)	complies with authentic material
Melting point	161 °C
Purity (TLC)	> 98%
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)	93.8% (Nth 11.96 %, Nfd 11.22 %)
Water content (KF volumetric)	5.8%

Latest update: October 23, 2019

Analytical Data Sheet
Lot number **1000023712**