

Analytical Data Sheet

| | |
|--------------------------------|--|
| Lot number | 1000046317 not for drug use |
| Product | H-Glu-Ser-OH |
| Product number | 4005267.0250 |
| Molecular formula | C ₈ H ₁₄ N ₂ O ₆ |
| 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% (N _{Th} 11.96%, N _{Fd} 11.22%) |
| Water content (KF volumetric) | 5.8% |

Latest update: March 11, 2021

Analytical Data Sheet
Lot number **1000046317**