

Analytical Data Sheet

Lot number **1000018406**
not for drug use

Catalog number **E-3515.0001**
Product number **4000148.0001**
Product **H- Glu(OMe) - OtBu · HCl**
Molecular formula **C₁₀H₁₉NO₄ · HCl**
Relative molecular mass **253.73**

| Tests | Results |
|-------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/mL in methanol) |
| Identification (TLC) | Rf value in agreement with authentic material |
| Purity (TLC) | > 99% |
| Related impurities (TLC) | < 0.1% H-Glu(Ome)-OH |
| TLC conditions | chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 77.5/15/7.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB |
| Assay (elemental analysis) | 99.8% (Cth 47.34%, Cfd 47.25%) |
| Water content (KF volumetric) | < 0.2% |
| Chloride content (titration) | 14.1% |

Latest update: July 08, 2019

Analytical Data Sheet
Lot number **1000018406**