

Analytical Data Sheet

Lot number **1068266**
not for drug use

Catalog number **G-3900.0250**
Product number **4005138.0250**
Product **H- Glu(Abu- OH) - OH**
Molecular formula **C₉H₁₆N₂O₅**
Relative molecular mass **232.24**

| Tests | Results |
|-------------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/ml in AcOH 80 %) |
| Identification (elemental analysis) | Theory Found C = 45.84 % C = 45.66 % H = 7.01 % H = 7.35 % N = 11.88 % N = 11.58 % calc. as 0.2 H ₂ O (1.53 %) |
| Identification (TLC) | Complies with authentic material |
| Purity (TLC) | > 99% |
| TLC conditions | n-butanol/acetic acid/H ₂ O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB |
| Assay (elemental analysis) | 96.0% (Nth 12.06 %, Nfd 11.58 %) |
| Water content (KF volumetric) | 1.6% |

Latest update: October 13, 2016

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