

Analytical Data Sheet

Lot number **1000013944**
not for drug use

Catalog number I-1095.0250
Product number 4007739.0250
Product **Boc- Glu- Lys- Lys- AMC acetate salt**
Molecular formula $C_{32}H_{48}N_6O_9$
Relative molecular mass 660.77

| Tests | Results |
|-------------------------------|---|
| Appearance | Slightly yellow powder (with lumps) |
| Appearance of solution | Clear, colorless solution (50 mg/ml in water) |
| Identification (TLC) | Complies with authentic material |
| Purity (TLC) | ≥ 97% |
| Related impurities (TLC) | < 0.1% AMC |
| TLC conditions | Chloroform/methanol/acetic acid 32% 5/3/1 Ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 Chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 Chloroform/methanol/toluene/H ₂ O 8/8/8/1 Plate: silicagel 60 F ₂₅₄ Detected: UV, ninhydrin, chlorine-tolidine |
| Assay (elemental analysis) | 84.0% (Nth 12.72 %, Nfd 10.69 %) |
| Water content (KF volumetric) | 1.4% |

Latest update: March 25, 2019

Analytical Data Sheet
Lot number **1000013944**