

Analytical Data Sheet

Lot number **1000013219**
not for drug use

Catalog number **I-1095.0100**
Product number **4007739.0100**
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 06, 2019

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