

Analytical Data Sheet

Lot number **1055812**
not for drug use

Catalog number I-1490.0050
Product number 4015705.0050
Product **Suc- Ala- Ala- Pro- Val- AMC**
Molecular formula $C_{30}H_{39}N_5O_9$
Relative molecular mass 613.67

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Effective content	94.3%
Water content (KF volumetric)	3.6%
Acetic acid content (IC)	2.1%