

Analytical Data Sheet

Lot number **1000013150**
not for drug use

Catalog number **L-1410.0250**
Product number **4006610.0250**
Product **Suc- Ala- Ala- Val- Ala- pNA**
Molecular formula $C_{24}H_{34}N_6O_9$
Relative molecular mass 550.57

Tests	Results
Appearance	slightly beige powder
Appearance of solution	clear, colorless solution (10 mg/ml in dimethylformamide)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% pNA
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Nth 15.26 %, Nfd 15.19 %)
Water content (KF volumetric)	0.9%

Latest update: March 06, 2019

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