

Analytical Data Sheet

Lot number **1073823**
not for drug use

Catalog number **L-1770.0250**
Product number **4017657.0250**
Product **Suc- Ala- Ala- Pro- Val- pNA**
Molecular formula $C_{26}H_{36}N_6O_9$
Relative molecular mass 576.61

Tests	Results
Appearance	pale yellow powder
Appearance of solution	clear, colorless solution (50 mg/mL in tetrahydrofuran)
Identification (TLC)	complies with authentic material
Melting point	183 °C
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% pNA
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 85/13/0.5/1.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.8% (Nth 14.57 %, Nfd 14.39 %)
Water content (KF volumetric)	0.4%

Latest update: October 30, 2017

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