

Analytical Data Sheet

Lot number **1000014644**
not for drug use

Catalog number **L-1395.0050**
Product number **4006760.0050**
Product **Suc- Ala- Ala- Pro- Met- pNA**
Molecular formula $C_{26}H_{36}N_6O_9S$
Relative molecular mass 608.67

Tests	Results
Appearance	yellowish product
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 80 %)
Identification (elemental analysis)	Theory Found C = 50.12 % C = 49.85 % H = 6.08 % H = 6.11 % N = 13.49 % N = 13.42 % calc. as 0.8 H ₂ O (2.3 %)
Identification (TLC)	complies with authentic material
Melting point	148 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	2.3%

Latest update: April 08, 2019

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