

Analytical Data Sheet

Lot number **1000020078**
not for drug use

Catalog number **L-1725.0250**
Product number **4017329.0250**
Product **Suc- Ala- Ala- Pro- Lys- pNA**
Molecular formula $C_{27}H_{39}N_7O_9$
Relative molecular mass 605.65

Tests	Results
Appearance	pale yellowish powder
Appearance of solution	clear, slightly yellowish solution (50 mg/ml in methanol)
Identification (ESI-MS)	m = 605.3u
Identification (TLC)	Rf value in agreement with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	94.0% (Nth = 16.19 %, Nfd 15.22 %)
Water content (KF volumetric)	2.9%
Residual organic solvents (GC)	0.2% ethylacetate

Latest update: August 07, 2019

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