

Analytical Data Sheet

Lot number

1043839

not for drug use

Catalog Number	L-1580.0250
Product number	4013347.0250
Product	Suc- Ala- Ala- Phe- pNA
Molecular formula	C ₂₅ H ₂₉ N ₅ O ₈
Relative molecular mass	527.53

Tests	Results
Appearance	white powder
Appearance of solution	clear, slight yellowish solution (50 mg/ml in DMF)
Identification (TLC)	Complies with authentic material
Purity (TLC)	≥ 99%
Related impurities (TLC)	< 0.1% pNA
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Nth 13.28 %, Nfd 13.22 %)
Latest update: July 31, 2012	

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