

Analytical Data Sheet

Lot number

1027029

not for drug use

Catalog Number	I-1750.0250
Product number	4027817.0250
Product	Suc- Ala- Glu- Pro- Phe- AMC
Molecular formula	C ₃₆ H ₄₁ N ₅ O ₁₁
Relative molecular mass	719.75

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (10 mg/ml in acetic acid 50 %)
Identification (FAB-MS)	[M + H] ⁺ : m/z = 720 u
Purity (HPLC)	99.1 % (TFA) 98.9 % (NaClO ₄)
Purity (TLC)	> 98%
Related impurities (TLC)	< 0.1 % AMC (7-amino-4-methylcoumarin)
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine
Assay (elemental analysis)	93 % (Nth 9.73 %, Nfd 9.08 %)
Latest update: October 16, 2009	Analytical Data Sheet Lot number 1027029