

Analytical Data Sheet

Lot number

1038235

not for drug use

Catalog Number	H-5805.0025
Product number	4002968.0025
Product	Thymopentin acetate salt H- Arg- Lys- Asp- Val- Tyr- OH acetate salt
Molecular formula	C ₃₀ H ₄₉ N ₉ O ₉
Relative molecular mass	679.77

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m = 679.4u (monoisotopic mass)
Amino acid analysis	Arg 1.1 Asx 1.0 Lys 1.0 Val 1.0 Tyr 1.0
Purity (HPLC)	98.4% (TFA) 98.3% (NaClO ₄)
Assay (elemental analysis)	84.3% (Nth 18.54%, Nfd 15.63%)
Acetic acid content (HPLC)	10.9%
Latest update: August 19, 2011	Analytical Data Sheet Lot number 1038235