

Analytical Data Sheet

Lot number

1048315

not for drug use

Catalog Number	H-9270.0001
Product number	4013868.0001
Product	(Tyr ⁰) - Neurokinin A H- Tyr- His- Lys- Thr- Asp- Ser- Phe- Val- Gly- Leu- Met- NH ₂
Molecular formula	C ₅₉ H ₈₉ N ₁₅ O ₁₆ S
Relative molecular mass	1296.51

Tests	Results
Appearance	white powder
Identification (FAB-MS)	[M + H] ⁺ : m/z = 1297 u
Amino acid analysis	Asx 0.99 (1) His 1.04 (1) Tyr 1.01 (1) Val 1.03 (1) Lys 1.01 (1) Phe 1.02 (1) Ser 0.74 (1) Gly 1.02 (1) Thr 0.87 (1) Leu 0.94 (1) Met 0.94 (1)
Solubility	soluble in water
Purity (HPLC)	97.4% (TFA) 98.1% (TEAP) 98.8% (NaClO ₄ -300)
Assay (elemental analysis)	73% (Nth 16.2 %, Nfd 11.9 %)
Latest update: May 24, 2013	