

Analytical Data Sheet

Lot number

1029823

not for drug use

Catalog Number	G-1835.1000
Product number	4000996.1000
Product	(H- Cys- Tyr- OH) ₂ (Disulfide bond)
Molecular formula	C ₂₄ H ₃₀ N ₄ O ₈ S ₂
Relative molecular mass	566.66

Tests	Results
Appearance	white powder
Appearance of solution	clear colorless solution (50 mg/ml in acetic acid 80 %)
Identification (FAB-MS)	[M+H] ⁺ : m/z = 569 u
Identification (TLC)	complies with authentic material
Purity (TLC)	> 97%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	94.1 % (Nth 9.89 %, Nfd 9.31 %)
Latest update: March 18, 2010	

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