

Analytical Data Sheet

Lot number	1000047474 not for drug use
Product	Cholecystokinin Octapeptide (desulfated) H-Asp-Tyr-Met-Gly-Trp-Met-Asp-Phe-NH ₂
Product number	4003323.0001
Molecular formula	C ₄₉ H ₆₂ N ₁₀ O ₁₃ S ₂
Relative molecular mass	1063.22

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in 50% acetic acid) clear, colorless solution (1 mg/mL in 80% acetic acid)
Identification (ESI-MS)	m= 1063.2u (average mass)
Amino acid analysis	Asx 2.0 (2) Gly 1.0 (1) Tyr 1.0 (1) Met 1.9 (2) Phe 1.0 (1) Trp det (1) (calculation based on Phe (1))
Purity (HPLC)	98.1% (TFA) 95.6% (NaClO ₄)
Assay (elemental analysis)	88.2% (Nth 13.17%, Nfd 11.61%)
General Comment	product is prone to oxidation product supplied as trifluoroacetate acid

Latest update: March 23, 2021

Analytical Data Sheet
Lot number **1000047474**