

Analytical Data Sheet

Lot number **1066802**
not for drug use

Catalog number **H-2085.0001**
Product number **4003323.0001**
Product **Cholecystokinin Octapeptide (desulfated)**
H- Asp- Tyr- Met- Gly- Trp- Met- Asp- Phe- NH₂
Molecular formula **C₄₉H₆₂N₁₀O₁₃S₂**
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) Trp det. (1) Gly 1.0 (1) Tyr 1.0 (1) Met 1.9 (2) Phe 1.0 (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 salt

Latest update: July 11, 2016

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