

## Analytical Data Sheet

Lot number **1000004973**  
not for drug use

Catalog number **H-5476.0500**  
Product number **4036693.0500**  
Product **Cholecystokinin- 33 (human) trifluoroacetate salt**  
H- Lys- Ala- Pro- Ser- Gly- Arg- Met- Ser- Ile- Val- Lys-  
Asn- Leu- Gln- Asn- Leu- Asp- Pro- Ser- His- Arg- Ile-  
Ser- Asp- Arg- Asp- Tyr(SO<sub>3</sub>H) - Met- Gly- Trp- Met-  
Asp- Phe- NH<sub>2</sub> trifluoroacetate salt  
Molecular formula **C<sub>167</sub>H<sub>263</sub>N<sub>51</sub>O<sub>52</sub>S<sub>4</sub>**  
Relative molecular mass **3945.50**

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/ml in acetic acid 5 %)
Identification (ESI-MS)	m = 3945.5u (average mass)
Purity (HPLC)	91.0% (TFA) 93.1% (TEAP)
Assay (elemental analysis)	80.5% (Nth 18.11 %, Nfd 14.57 %)
General comment	product is sensitive to oxidation and acids

Latest update: August 27, 2018

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