

# Analytical Data Sheet

Lot number

**1026963**

not for drug use

**Catalog Number**

**H-5476.0100**

**Product number**

**4036693.0100**

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

Latest update: June 08, 2011

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