



Certificate of Analysis

Product Name	Insulin (human)
Catalog No.	V33885
Batch No.	V3388501

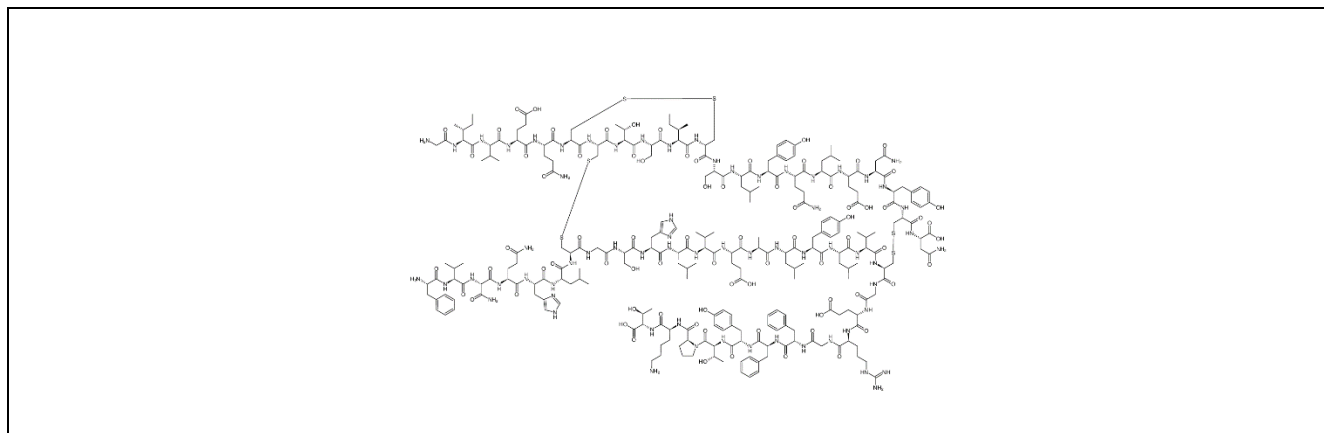
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	$C_{257}H_{383}N_{65}O_{77}S_6$
Molecular Weight	5807.57
Purity	≥98%
CAS No.	11061-68-0
Production Date	11/25/2022

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use