

## 1. Identification

Catalogue Number

I666555

Lot Number

10-AZP-17-1

Structure

N/A

Product Name

Insulin (Beef)

Synonyms

Insulin (Bovine)

CAS Number

11070-73-8

Solubility

Aqueous Acid (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C254 H377 N65 O75 S6

Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

5733.49

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

HPLC Purity

>95%

98.09% (200 nm)

MS (MALDI)

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed by

*A. Vijaya*

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

*Nicole Badiali*

Nicole Badiali

Quality Assurance Associate

Test Date

8/27/2025

Retest Date

8/25/2029