

1. Identification

Catalogue Number

C641500

Lot Number

5-MFI-165-1

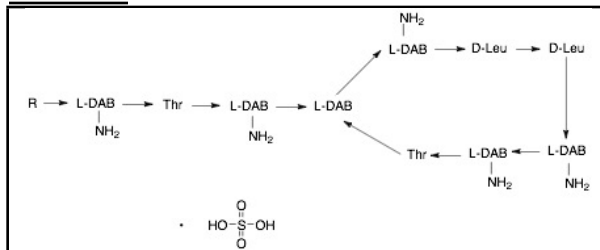
Product Name

Colistin Sulfate (Mixture of A and B compound)

Synonyms

Polymyxin E. Sulfate; Belcomycine; Colomycin;

Structure



CAS Number

1264-72-8

Solubility

Aqueous Base (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

Compound A: C₅₃H₁₀₀N₁₆O₁₃ · (H₂SO₄)
Compound B: C₅₃H₁₀₀N₁₆O₁₃ · (H₂SO₄)

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

1169.46

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.94% (ELSD)

MS

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 ± 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

Meenakshi Sharma
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Quality Assurance Associate

Test Date

11/29/2023

Retest Date

11/27/2027