CERTIFICATE OF ANALYSIS

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1. Identification

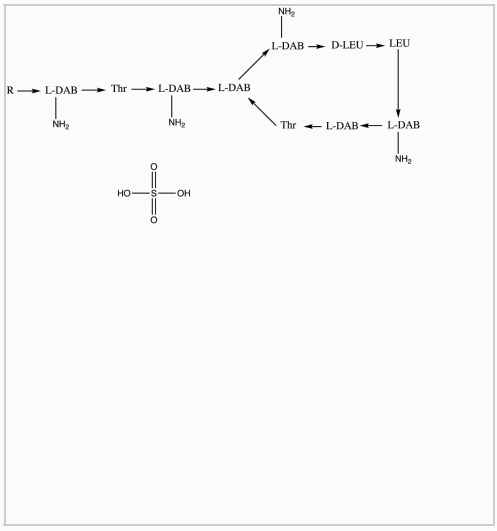
Catalogue Number: C641500

CAS Number: 1264-72-8

Product: Colistin Sulfate (Mixture of A and B compound)

Synonym: Polymyxin E. Sulfate; Belcomycine; Colomycin;

Structure:



Molecular Formula:

Compound A: $C_{53}H_{100}N_{16}O_{13} \bullet (H_2SO_4)$ Compound B: $C_{52}H_{98}N_{16}O_{13} \bullet (H_2SO_4)$

Molecular weight:

Compound A: 1169.46 + 98.08 Compound B: 1155.43 + 98.08

Source of Product:

Synthetic

Solubility:

Aqueous Base (Slightly), Water (Slightly)

Lot Number: 1-LXM-64-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1: Toxic **Warning 2:** **Warning 3:**

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
LC-MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-69.7° (c = 1.1, Water)
HPLC Purity	Report Result	97.73% (ELSD)

Additional Information: NA

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Xhoana Gjergji	Neha Khanna	Kevin Saldanha	6/22/2019	6/20/2026