

Certificate of Analysis

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Product Name: Kanamycin sulfate

Catalog No.: 5505

Batch No.: 3

CAS Number: 25389-94-0

EC Number: 246-933-9

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₈H₃₆N₄O₁₁·H₂SO₄

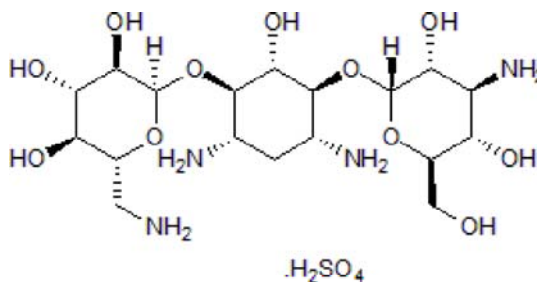
Batch Molecular Weight: 582.58

Physical Appearance: White solid

Solubility: water to 75 mM

Storage: Store at RT

Batch Molecular Structure:



2. ANALYTICAL DATA

Potency: 799 ug/mg (dried basis)

pH: 8.3

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Broad spectrum antibiotic.

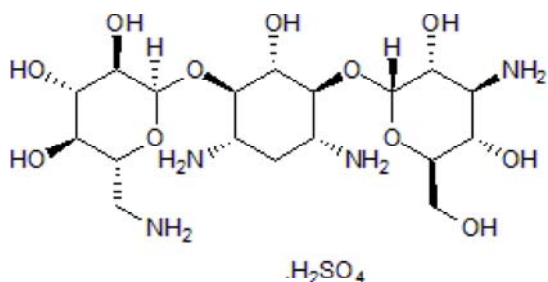
Physical and Chemical Properties:

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Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

water to 75 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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