

**1. Identification**Catalogue Number

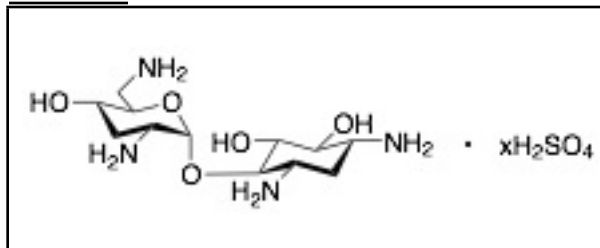
N388250

Lot Number

10-RAJ-168-2

Product Name

Nebramine Sulfate

Synonyms2-Deoxy-4-O-(2,6-diamino-2,3,6-trideoxy- α -D-ribo-hexopyranosyl)-D-streptamine Sulfate; 3'-Deoxyneamin Sulfate; 3'-Deoxyneamine Sulfate; 3'-Deoxyneomycin A Sulfate; Nebramycin VIII Sulfate; Tobramine Sulfate;StructureCAS Number

N/A

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{12}H_{26}N_4O_5 \cdot xH_2SO_4$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

306.36 (free base)

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

White to Dark Brown Solid

Results

Off-White to Pale Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 22.96, %H: 6.51, %N: 8.15

HPLC Purity

>95%

97.41% (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 $\pm 2\%$. 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. SignaturesReviewed 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

7/7/2023

Retest Date

7/5/2027