

## Product Datasheet

### GP8418 - Neomycin sulfate, USP grade, low endotoxin

Hazard Codes H317, H334  
Precautionary Codes P280, P302+P352, P285, P342+P311, P261

Pictograms

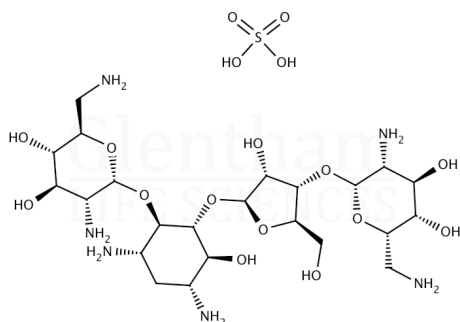


#### Product Details

Product Name Neomycin sulfate, USP grade, low endotoxin  
Glentham Code GP8418  
CAS Number 1405-10-3  
EINECS 215-773-1  
MDL Number MFCD00150827  
Additional CAS 1404-04-2 (acid)  
Related Categories APIs, Antibiotics, Raw Materials (IVD), Reagents for Cell Culture, Antimicrobials

#### Structure

Molecular Weight : 908.87 (anhydrous)  
Molecular Formula :  $C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4 \cdot xH_2O$



#### Glentham Product Specification

Physical Description : White to light-yellow powder  
Identification (IR) : To conform to standard  
Identification : According to USP  
pH : 5.0 - 7.5 (33mg/ml of neomycin)  
Any Individual Unspecified Impurity :  $\leq 5.0\%$   
Total Unspecified Impurities :  $\leq 15.0\%$   
Neomycin A :  $\leq 2.0\%$   
Neomycin C : 3.0 - 15.0 %  
Loss on Drying :  $\leq 8.0\%$  (60°C, 3h)  
Bacterial Endotoxins :  $\leq 1.3\text{EU/mg}$   
Potency :  $\geq 600\mu\text{g/mg}$  (neomycin, dried basis)  
Pharmacopoeia Specification(s) : USP  
Version : v1.1

#### About Neomycin sulfate, USP grade, low endotoxin

Produced by the growth of certain selected strains of *Streptomyces fradiae*

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Sens. 1, Resp. Sens. 1

Signal Word Danger

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024