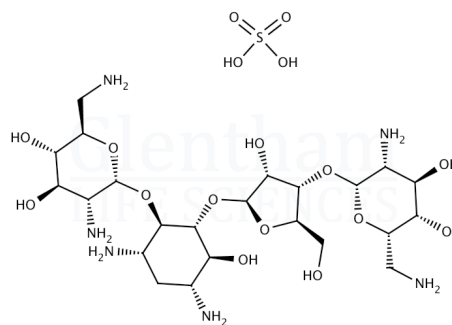


## Certificate of Analysis

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)  
Batch Number 885UMK

Molecular Weight 908.87 (anhydrous)  
Molecular Formula  $C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4 \cdot xH_2O$   
Storage Temp. +20°C



Property	Specification	Batch 885UMK
Physical Description	White to light-yellow powder	Light-yellow powder
Identification (IR)	To conform to standard	Conforms to standard
Identification	According to USP	Conforms
pH	5.0 - 7.5 (33mg/ml of neomycin)	6.3
Any Individual Unspecified Impurity	≤ 5.0%	2.3%
Total Unspecified Impurities	≤ 15.0%	3.5%
Neomycin A	≤ 2.0%	0.1%
Neomycin C	3.0 - 15.0 %	7.7%
Loss on Drying	≤ 8.0% (60°C, 3h)	7.9%
Bacterial Endotoxins	≤ 1.3EU/mg	≤ 1.3EU/mg
Potency	≥ 600µg/mg (neomycin, dried basis)	687µg/mg
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.1  
Manufacture Date 2024-06-23  
Re-Test Date 2030-02-28

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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