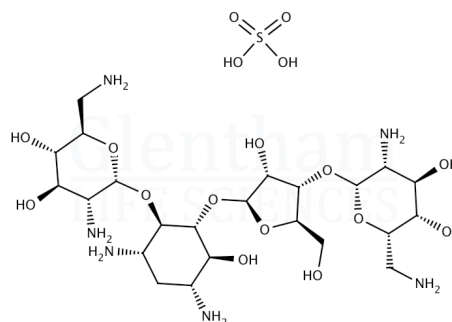


## Product Specification

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)

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
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	≤ 5.0%
Total Unspecified Impurities	≤ 15.0%
Neomycin A	≤ 2.0%
Neomycin C	3.0 - 15.0 %
Loss on Drying	≤ 8.0% (60°C, 3h)
Bacterial Endotoxins	≤ 1.3EU/mg
Potency	≥ 600µg/mg (neomycin, dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.1
Date Created	- 2024-03-06

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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