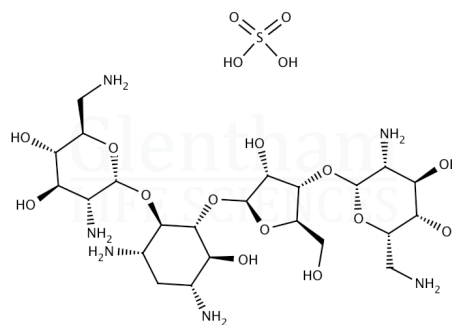


Product Specification

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 or contact us using the details above for the current version of this document.

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