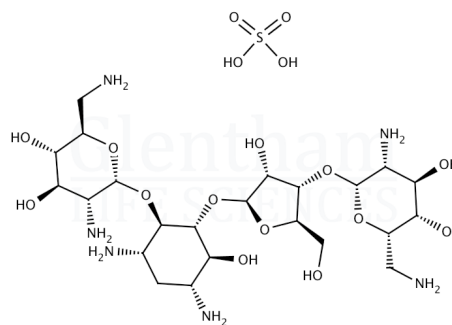


Certificate of Analysis

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

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