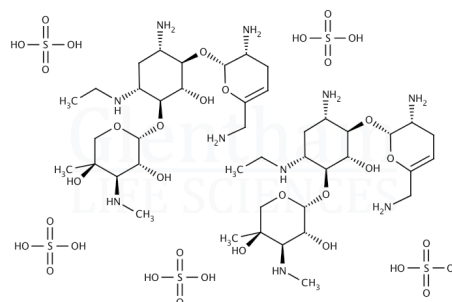


Certificate of Analysis

Product Name Netilmicin sulfate salt
Glentham Code GA1999
CAS Number 56391-57-2
EINECS 260-147-3
MDL Number MFCD01311715
Additional CAS 56391-56-1
PubChem SID 310277716
Batch Number 339CGZ

Molecular Weight 1441.5
Molecular Formula $C_{21}H_{41}N_5O_7 \cdot 5/2H_2SO_4$
Storage Temp. +4°C



Property	Specification	Batch 339CGZ
Physical Description	White to light-yellow powder	Almost white powder
Identification	According to USP	Conforms
Specific Optical Rotation	+88 - +96 °	+90.0°
pH	3.5 - 5.5 (40mg/ml)	4.2
Loss on Drying	≤ 15.0%	7.3%
Residue on Ignition	≤ 1.0%	0.1%
Organic Impurities	Individual Impurities: ≤ 1.0%	Conforms
	Total Impurities: ≤ 5.0%	1.0%
Potency	≥ 595µg/mg (C21H41N5O7, dried basis)	633µg/mg
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.0
Manufacture Date 2020-08-21
Re-Test Date 2029-10-08

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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