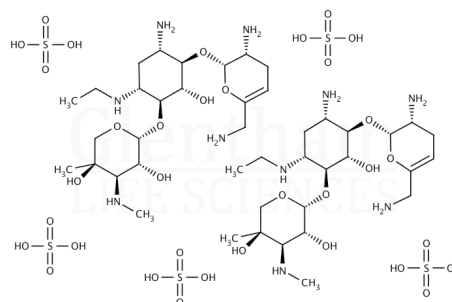


Certificate of Analysis

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	$C_{21}H_{41}N_5O_7 \cdot 5/2 H_2SO_4$
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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