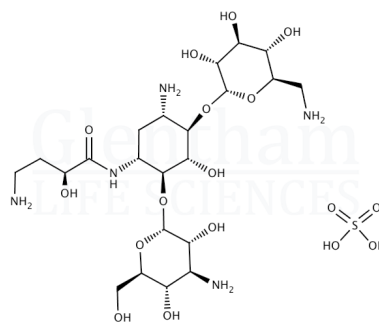


Certificate of Analysis

Product Name	Amikacin sulfate salt
Glentham Code	GA9402
CAS Number	149022-22-0
MDL-Nummer	MFCD00167477
PubChem SID	310266131
Zusätzliche CAS	39831-55-5
Zusätzliche CAS	37517-28-5 (acid)
Batch Number	908KET
Molecular Weight	585.60 (non-salt)
Molecular Formula	$C_{22}H_{43}N_5O_{13} \cdot xH_2O_4S$ (x=1.8)
Storage Temp.	+4°C



Property	Specification	Batch 908KET
Physical Description	White to off-white powder	White powder
Identification	According to USP	Entspricht
pH (1% in water)	6.0 - 7.3	6.9
Specific Optical Rotation	+76.0 - +84.0 ° (c=2, water)	+76.4°
Residue on Ignition	≤ 1.0%	0.05%
Loss on Drying	≤ 13.0% (110°C, 3h)	5.9%
Assay	691 - 806 µg/mg (C ₂₂ H ₄₃ N ₅ O ₁₃ , dried basis)	766 µg/mg
Pharmacopoeia Specification(s)	USP	Conforms to USP

Specification Version	v1.0
Manufacture Date	2021-03-11
Re-Test Date	2028-04-10

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025