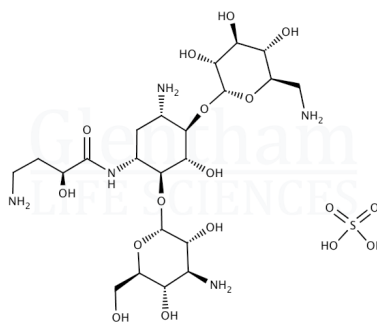


## Certificate of Analysis

Product Name	Amikacin sulfate salt
Glentham Code	GA9402
CAS Number	149022-22-0
MDL Number	MFCD00167477
PubChem SID	310266131
Additional CAS	39831-55-5
Additional 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	Conforms
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 <sub>22</sub> H <sub>43</sub> N <sub>5</sub> O <sub>13</sub> , 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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