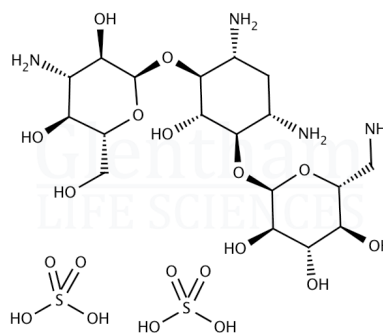


## Certificate of Analysis

Product Name	Kanamycin disulfate salt
Glentham Code	GA8523
CAS Number	64013-70-3
MDL Number	MFCD00143916
Additional CAS	8063-07-8
PubChem SID	310275603
Batch Number	405BYZ
Molecular Weight	680.65 (anhydrous)
Molecular Formula	$C_{18}H_{36}N_4O_{11} \cdot 2H_2SO_4 \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification	Batch 405BYZ
Physical Description	White to off-white powder	Almost white powder
Identification	TLC	Conforms
Solubility (1% in water)	Clear, colourless solution	Clear, colourless solution
pH (1% in water)	5.5 - 7.5 (1% in water)	6.6
Specific Optical Rotation	+103.0 - +115.0 ° (1% in water)	108.1°
Kanamycin B	≤ 4%	≤ 4%
Sulphated Ash	≤ 0.5%	0.05%
Loss on Drying	≤ 5.0%	3.0%
Sulphate	23.0 - 26.0 %	24.2%
Potency	≥ 670IU/mg (dried basis)	686IU/mg

Specification Version	v1.0
Manufacture Date	2023-07-25
Re-Test Date	2031-11-16

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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