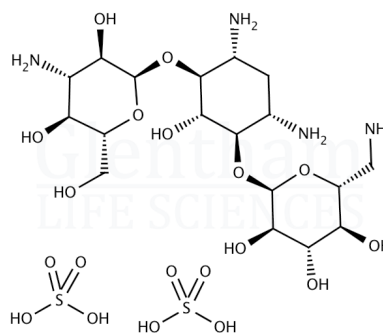


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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