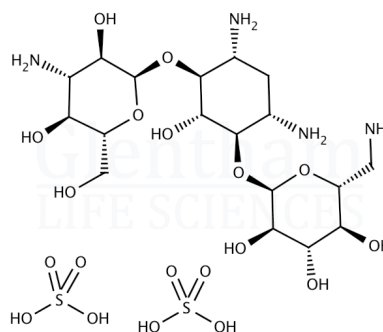


Product Specification

Product Name	Kanamycin disulfate salt
Glentham Code	GA8523
CAS Number	64013-70-3
MDL Number	MFCD00143916
Additional CAS	8063-07-8
PubChem SID	310275603
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
Physical Description	White to off-white powder
Identification	TLC
Solubility (1% in water)	Clear, colourless solution
pH (1% in water)	5.5 - 7.5 (1% in water)
Specific Optical Rotation	+103.0 - +115.0 ° (1% in water)
Kanamycin B	≤ 4%
Sulphated Ash	≤ 0.5%
Loss on Drying	≤ 5.0%
Sulphate	23.0 - 26.0 %
Potency	≥ 670IU/mg (dried basis)
Specification Version	- v1.0
Date Created	- 2016-01-19

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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