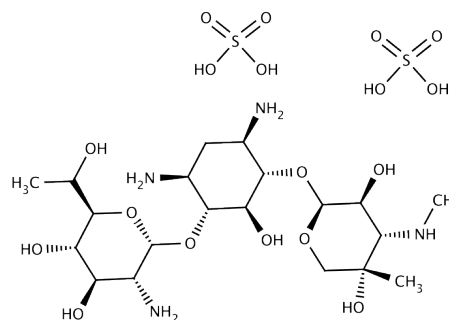


Product Specification

Product Name	G418 disulphate salt
Glentham Code	GA2946
CAS Number	108321-42-2
MDL Number	MFCD00058314
Additional CAS	49863-47-0
PubChem SID	310274067
Molecular Weight	692.71
Molecular Formula	C ₂₀ H ₄₀ N ₄ O ₁₀ · 2H ₂ SO ₄
Storage Temp.	+4°C



Property	Specification
Physical Description	White to almost white powder
Identification	IR HPLC
pH (20% in water)	4.6 - 6.0
Solubility (10% in water)	Clear solution
Specific Optical Rotation	+104 - +121 °
Absorbance	0.1% in water at 280nm: ≤ 0.015 10% in water at 570nm: ≤ 0.10
Ammonia	≤ 0.5%
Water (KF)	≤ 12.0%
Potency (as is)	≥ 700µg/mg
Potency (dried basis)	≥ 720µg/mg

Specification Version	-	v1.2
Date Created	-	2016-03-03

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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