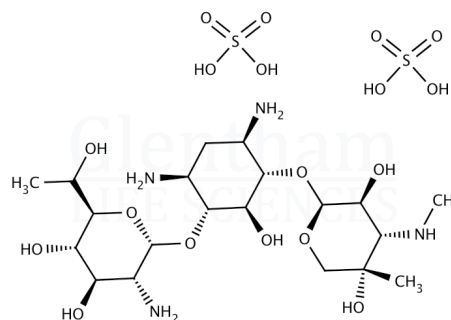


## Product Specification

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 <sub>20</sub> H <sub>40</sub> N <sub>4</sub> O <sub>10</sub> · 2H <sub>2</sub> SO <sub>4</sub>
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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