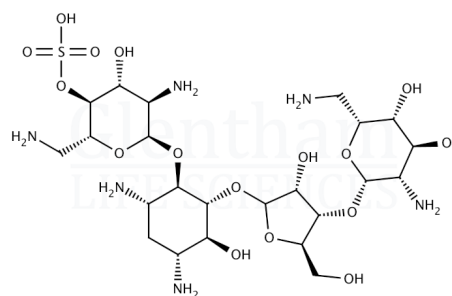


Certificate of Analysis

Product Name	Framycetin sulfate, BP, Ph. Eur. grade
Glentham Code	GA7318
CAS Number	4146-30-9
EINECS	223-969-3
MDL Number	MFCD00144873
Batch Number	208JFC
Molecular Weight	712.72 (anhydrous)
Molecular Formula	$C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4 \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 208JFC
Physical Description	White or pale yellow crystalline powder	Pale yellow powder
Identification	To pass tests A, B	Conforms
pH (1% in water)	6.0 - 7.0	6.5
Specific Optical Rotation	+52.5 - +55.5 ° (c=10, dried basis)	+54.5 °
Impurity A	≤ 1.0%	Not detected
Impurity C	≤ 3.0%	2.0%
Total Impurities	≤ 3.0% (exc. A + C)	Not detected
Sulphate	27.0 - 31.0 %	28.2%
Sulphated Ash	≤ 1.0%	0.4%
Loss on Drying	≤ 8.0%	4.9%
Assay	≥ 630IU/mg (dried substance)	686 IU/mg
Pharmacopoeia Specification(s)	BP, Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2021-12-12
Re-Test Date	2030-01-11

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024