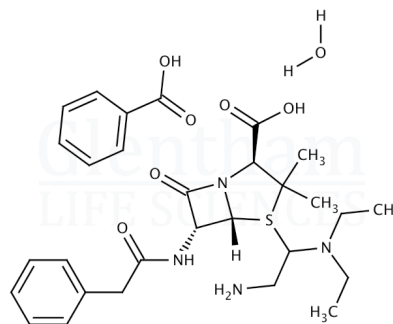


Certificate of Analysis

Product Name	Penicillin G procaine
Glentham Code	GA6076
CAS Number	6130-64-9
PubChem SID	310278564
Batch Number	565OTX

Molecular Weight	570.70 (anhydrous)
Molecular Formula	$C_{29}H_{38}N_4O_6S \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification	Batch 565OTX
Physical Description	White or almost white crystalline powder	White powder
Solubility (2% in methanol)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+165 - +180 °	+175 °
Water	≤ 5.0%	3.3%
Assay	96.0 - 102.0 % (anhydrous basis)	98.3%

Specification Version	v1.1
Manufacture Date	2018-11-06
Re-Test Date	2028-02-18

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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