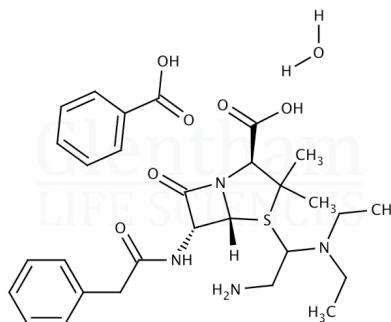


## Product Specification

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

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



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

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.1       |
| Date Created          | - | 2019-02-15 |

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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