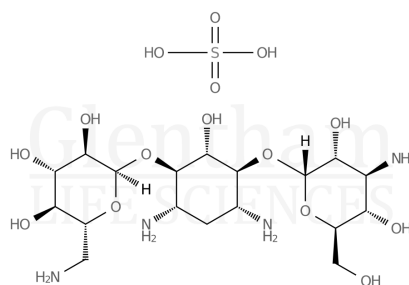


## Product Specification

|                 |                                |
|-----------------|--------------------------------|
| Product Name    | Kanamycin monosulfate salt, EP |
| Glentham Code   | GA9089                         |
| CAS Number      | 5965-95-7                      |
| EINECS          | 246-933-9                      |
| MDL-Nummer      | MFCD00070253                   |
| Zusätzliche CAS | 70560-51-9                     |
| Zusätzliche CAS | 8063-07-8                      |
| Zusätzliche CAS | 133-92-6                       |
| Zusätzliche CAS | 59-01-8                        |
| Zusätzliche CAS | 25389-94-0                     |

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Molecular Weight  | 600.6                                            |
| Molecular Formula | $C_{18}H_{36}N_4O_{11} \cdot H_2SO_4 \cdot H_2O$ |
| Storage Temp.     | +4°C                                             |



| Property                       | Specification                         |
|--------------------------------|---------------------------------------|
| Physical Description           | White to off-white crystalline powder |
| Specific Optical Rotation      | 112 - 123 °                           |
| pH                             | 6.5 - 8.5                             |
| Loss on Drying                 | ≤ 1.5%                                |
| Sulphate                       | 15.0 - 17.0 %                         |
| Sulphated Ash                  | ≤ 0.5%                                |
| Kanamycin B                    | ≤ 4.0% (TLC)                          |
| Potency                        | ≥ 750IU/mg (anhydrous)                |
| Pharmacopoeia Specification(s) | EP                                    |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2013-07-11 |

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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