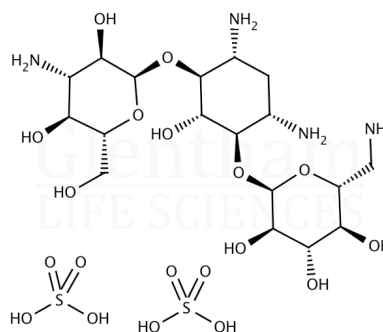


## Certificate of Analysis

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Product Name      | Kanamycin disulfate salt                           |
| Glentham Code     | GA8523                                             |
| CAS Number        | 64013-70-3                                         |
| MDL-Nummer        | MFCD00143916                                       |
| Zusätzliche CAS   | 8063-07-8                                          |
| PubChem SID       | 310275603                                          |
| Batch Number      | 405BYZ                                             |
| Molecular Weight  | 680.65 (anhydrous)                                 |
| Molecular Formula | $C_{18}H_{36}N_4O_{11} \cdot 2H_2SO_4 \cdot xH_2O$ |
| Storage Temp.     | +4°C                                               |



| Property                  | Specification                   | Batch 405BYZ               |
|---------------------------|---------------------------------|----------------------------|
| Physical Description      | White to off-white powder       | Almost white powder        |
| Identification            | TLC                             | Entspricht                 |
| Solubility (1% in water)  | Clear, colourless solution      | Clear, colourless solution |
| pH (1% in water)          | 5.5 - 7.5 (1% in water)         | 6.6                        |
| Specific Optical Rotation | +103.0 - +115.0 ° (1% in water) | 108.1°                     |
| Kanamycin B               | ≤ 4%                            | ≤ 4%                       |
| Sulphated Ash             | ≤ 0.5%                          | 0.05%                      |
| Loss on Drying            | ≤ 5.0%                          | 3.0%                       |
| Sulphate                  | 23.0 - 26.0 %                   | 24.2%                      |
| Potency                   | ≥ 670IU/mg (dried basis)        | 686IU/mg                   |
| Specification Version     | v1.0                            |                            |
| Manufacture Date          | 2023-07-25                      |                            |
| Re-Test Date              | 2031-11-16                      |                            |

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025