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Certificate of Analysis

Product Name Kanamycin disulfate salt Glentham Code GA8523 **CAS Number** 64013-70-3 MDL Number MFCD00143916 Additional 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.

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Property Specification Batch 405BYZ Physical Description White to off-white powder Almost white powder Identification TLC Conforms Solubility (1% in water) Clear, colourless solution Clear, colourless solution 5.5 - 7.5 (1% in water) pH (1% in water) +103.0 - +115.0 ° (1% in water) 108.1° Specific Optical Rotation Kanamycin B ≤ 4% ≤ 4% Sulphated Ash ≤ 0.5% 0.05% ≤ 5.0% 3.0% Loss on Drying 23.0 - 26.0 % Sulphate 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 or contact us using the details above for the current version of this document.

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