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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

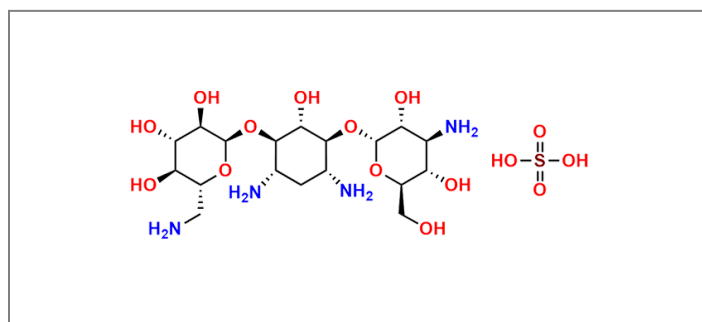
Re-test Date: Oct 2027

Product Name: Kanamycin Monosulfate (In House Standard)

Identification:

Chemical Name: 6-O-(3-Amino-3-deoxy- α -D-glucopyranosyl)-4-O-(6-amino-6-deoxy- α -D-glucopyranosyl)-2-deoxy-D-streptomine sulfate. (as per EP)

Synonyms : NA
CAS Number : 25389-94-0
CAT Number : CP-K6001
Molecular Formula : C₁₈H₃₆N₄O₁₁ : H₂O₄S
Molecular Weight : 484.5 : 98.1
Batch Number : CP-KAN-MS-1024
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/D2O
3)	MASS By LCMS	Confirm to structure
4)	Assay by NMR	99.47%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	1.310%
7)	Potency by TGA	98.16%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.