

Certificate of Analysis

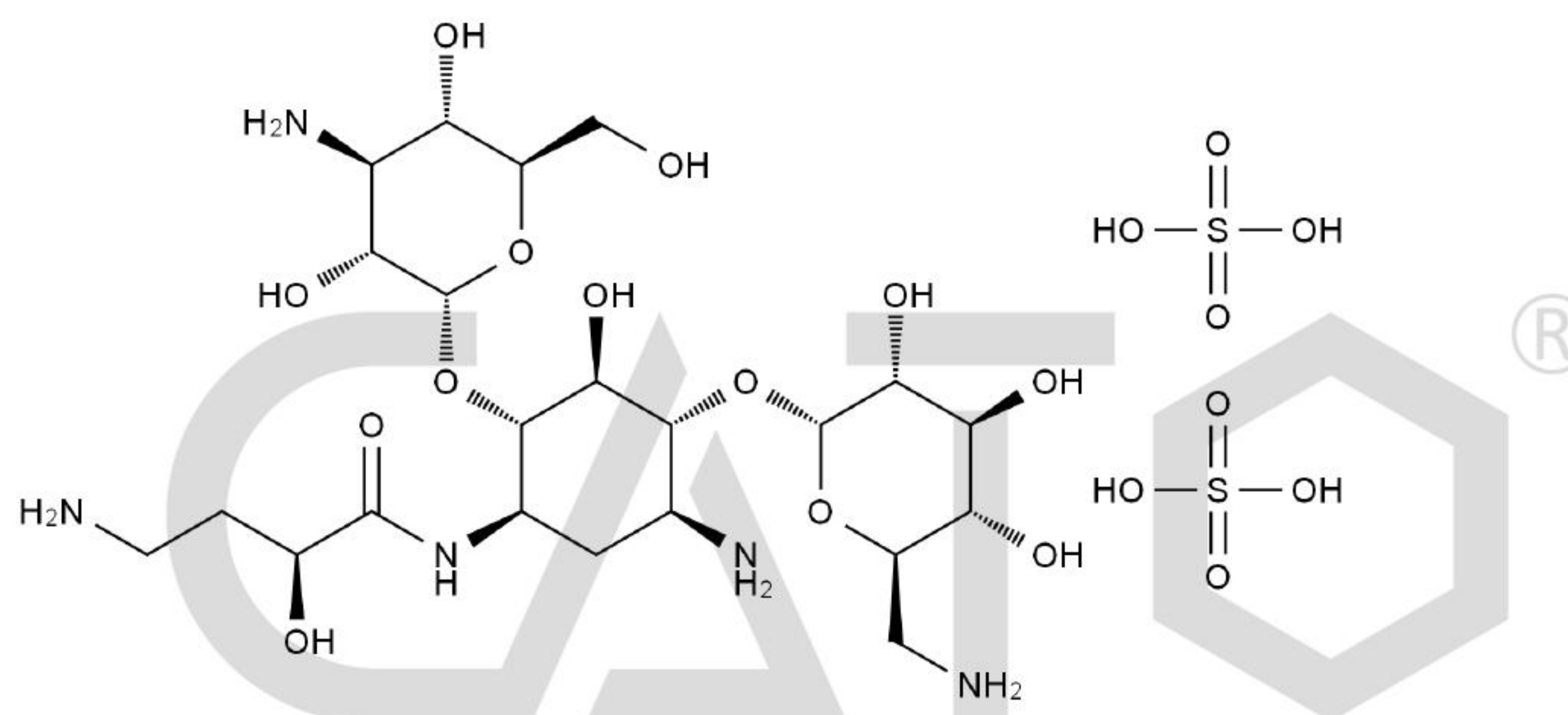
Reference Material & Standard

Product Name:	Amikacin Sulfate	Catalogue Number:	CCAD302463
Synonyms:	N/A	Lot Number:	0904-RE-0093
CAS Number:	39831-55-5	Expiry Date:	Sep 11, 2033
Molecular Formula:	$C_{22}H_{43}N_5O_{13} \cdot 2H_2O \cdot 4S$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	585.60 $\cdot 2 \cdot 98.08$	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	91.4%
Uncertainty		$\pm 2.0\%$

Comment:

1. Assay was determined by quantitative 1H -NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of $K=2$ is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 12, 2023

Date: Sep 13, 2023

Date: Sep 13, 2023



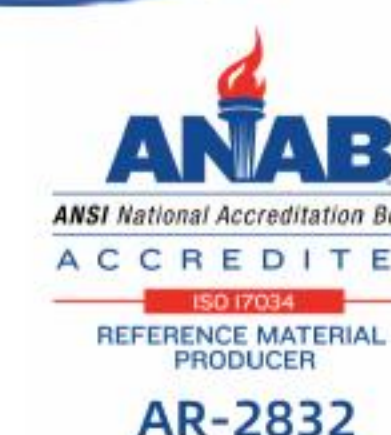
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