

Certificate of Analysis

Product Name: Amikacin Sulfate, USP Grade
Cat #: A-532
CAS #: 39831-55-5
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store at 4°C.

Test	Specs	Results
Appearance	White crystalline powder	Conforms
Specific Rotation	76° to 84°	Conforms
pH	2.0 - 4.0	Conforms
Loss on Drying	≤13.0%	<13.0%
Residue on Ignition	≤1.0%	<1.0%
Assay (on Dried Basis)	674-786 µg/mg	Conforms
Crystallinity	Shows birefringence and extinction positions	Conforms`
Residual Solvents		
- Methanol	≤0.3%	<0.3%
- Ethanol	≤0.5%	<0.5%
- Acetone	≤0.5%	<0.5%
- Acetonitrile	≤0.041%	<0.041%

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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