



Certificate of Analysis

Product Name: Nourseothricin Sulfate (Streptoethricin Sulfate)
Cat #: N-500
CAS #: 96736-11-7
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store desiccated at 4°C.

Test	Specs	Results
Appearance	Beige Powder	Corresponds
Components D & F (HPLC analysis)	>85%	Complies
Components C & E (HPLC analysis)	<15%	Complies
Biological Activity*	≥100% standard NR. 82	Complies
Ash	= 2±1% of material	Complies

* Biological Assay

Method: Agar Diffusion Test

Test Organism: Bacillus subtilis ATCC6633

Test Result: 1.212 g/L Nourseothricin sulfate corresponds to 1.100 g/L Nourseothricin base according to standard NR. 82 = 110% activity of NR. 82.

*Elementary Analysis:

C 32.3% of material

H 5.7% of material

N 14.0% of material

S 6.7% of material

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† 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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