



## CERTIFICATE OF ANALYSIS

**PRODUCT:** **Antimycin A**  
[Antipiricullin; Virosin]  
CAS# [1397-94-0]  
M.I. **14:** 714 (Antimycin A<sub>1</sub>); **14:** 715 (Antimycin A<sub>3</sub>)

**PRODUCT NUMBER:** A-1268

**LOT NUMBER:** B1536A

**APPEARANCE:** White powder with a faint yellow cast.

**SOLUBILITY:** Soluble in 100% ethanol (50 mg/ml).

<b>COMPOSITION (HPLC):</b>	<b>SPECIFICATIONS:</b>	<b>RESULTS:</b>
	Four major peaks for antimycin A <sub>1</sub> , A <sub>2</sub> , A <sub>3</sub> and A <sub>4</sub>	1.74% Antimycin A <sub>1</sub> 14.40% Antimycin A <sub>2</sub> 25.72% Antimycin A <sub>3</sub> 24.36% Antimycin A <sub>4</sub>

**PRODUCT DESCRIPTION:** Isolated from *Streptomyces sp.* Mixture of antimycin A's. Antibiotic. Induces apoptosis, which is not prevented by the presence of Bcl-2. Inhibits mitochondrial electron transport specifically between cytochromes b and c1.

**STORAGE & HANDLING:** Store at -20°C. WARNING: TOXIC! PROTECT FROM LIGHT!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: DD