

# A.G. Scientific, Inc.

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## CERTIFICATE of ANALYSIS

**PRODUCT:** **Mithramycin A,**  
from *Streptomyces argillaceus*  
C<sub>52</sub>H<sub>76</sub>O<sub>24</sub>, M.W. 1085.0, CAS# [18378-89-7]

**PRODUCT NUMBER:** M-1072

**LOT NUMBER:** A10069

**APPEARANCE:** Yellow powder

**SOLUBILITY:** DMSO: clear yellowish solution at 100mg/ml

**PURITY (TLC):** 98% (NP, CH<sub>2</sub>Cl<sub>2</sub>, methanol 85:15)  
98% (RP C18, methanol, H<sub>2</sub>O 9:1)  
*\*Detection: Spray with H<sub>2</sub>SO<sub>4</sub> and heat*

**PURITY (HPLC):** 100%

**MELTING POINT:** 178-180°C

**λ MAX:** 275nm (Methanol)

**STORAGE & HANDLING:** Store at -20°C. WARNING: HARMFUL!

CAUTION: For research 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: KT

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