

## CERTIFICATE OF ANALYSIS

PRODUCT:	<b>Mithramycin A,</b> from <i>Streptomyces argillaceus</i> 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:	F1242A
APPEARANCE:	Yellow powder
SOLUBILITY:	DMSO: clear yellow solution at 100mg/ml
PURITY (TLC): <i>*Detection: Spray with H<sub>2</sub>SO<sub>4</sub> and heat</i>	> 99% (NP, CH <sub>2</sub> Cl <sub>2</sub> , methanol 80:20) > 99% (NP, Etoac: methanol 70:30) > 99% (RP C18, methanol, H <sub>2</sub> O 8:2)
PURITY (HPLC): (Gradient H <sub>2</sub> O → CH <sub>3</sub> CN, 280nm, flow: 1.2ml/min.)	99.40%
MELTING POINT:	178°C
λ MAX:	(Methanol) 280nm
STORAGE & HANDLING:	Store at -20°C. <b><u>WARNING:</u> HARMFUL!</b>

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: EK