

Certificate of Analysis

PRODUCT:	Mitomycin C, From <i>Streptomyces caespitosus</i> C₁₅H₁₈N₄O₅, M.W. 334.3, CAS# [50-07-7]
PRODUCT NUMBER:	M-1108
LOT NUMBER:	L1556
APPEARANCE:	Blue-violet solid
SOLUBILITY:	Clear blue-violet solution at 10mg/ml in DMSO or CH ₃ OH.
PURITY (TLC): <i>*DETECTION: Spray with H₂SO₄ and heat</i>	>99% (NP, CH ₂ Cl ₂ , CH ₃ OH, 9:1) >99% (RP C18, CH ₃ OH, H ₂ O 9:1)
PURITY (HPLC):	>99% (RP, CH ₃ CN, H ₂ O) >99% (CH ₃ OH, H ₂ O)
UV Analysis:	λ _{max} : 216, 360, 560nm (CH ₃ OH)
STORAGE & HANDLING:	Store desiccated at -20°C. PROTECT FROM LIGHT! <u>WARNING</u>: TOXIC! POTENTIAL CARCINOGEN.

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: KLS