



CERTIFICATE OF ANALYSIS

PRODUCT: Thiolutin,
From *Streptomyces luteosporus*
C₈H₈N₂O₂S₂, M.W. 228.29, CAS# [87-11-6]

PRODUCT NUMBER: T-1226

LOT NUMBER: B1629

APPEARANCE: Yellow powder

SOLUBILITY: DMSO: Clear yellow solution at 1 mg/ml.

PURITY (TLC): > 99% (NP, MDC, methanol, 95:5)
*DETECTION: Spray with H₂SO₄ and heat > 99% (RP C18, methanol, H₂O 9:1)

PURITY (HPLC): > 98%

Λ MAX: (Methanol) 206, 245, 311, 389nm

MELTING POINT: 282-284°C

STORAGE & HANDLING: Keep cool and dry at +4°C. **PROTECT FROM LIGHT!**
WARNING: VERY TOXIC!

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: DD