

# FERMENTEK Ltd.

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## CERTIFICATE OF ANALYSIS

*Thiolutin*

From *Streptomyces luteosporus*

$C_8H_8N_2O_2S_2$

M.W. 228.29

CAS [87-11-6]

Lot # TL001

Appearance: Yellow powder

Solubility: Clear yellowish solution at 1mg/ml DMSO

TLC (NP, MDC: MeOH 95: 5): 98%

TLC (RP C18, MeOH: H2O 90:10): 98%

HPLC (RP C18, Isocratic, 005% TFA: CH3CN 85:15, flow rate: 1.5 ml/min.  
390nm): >99%

Melting point: 281-282°C

Lambda max. 312, 390 nm

Yosef Behrend Ph.D