



CERTIFICATE OF ANALYSIS

PRODUCT: **Ascomycin**
[Immunomycin, FK520]
C₄₃H₆₉NO₁₂, M.W. 792.0, CAS# [11011-38-4]

PRODUCT NUMBER: A-1258

LOT NUMBER: A8007B

APPLICATION: **Immunosuppressant.** Allogenic T-lymphocyte proliferation inhibitor. Calcineurin phosphatase inhibitor.

APPEARANCE: White Powder

SOLUBILITY: Clear and colorless solution (10 mg/ml in DMSO)

PURITY (TLC): 99% (NP, Ethyl acetate)
**Detection: Spray with H₂SO₄ and heat* 99% (RP C18, methanol, H₂O 9:1)

MELTING POINT: 162-163°C

STORAGE & HANDLING: Store at -20°C. **PROTECT FROM LIGHT!**
WARNING: TOXIC!

CAUTION: For research & manufacturing 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**