



CERTIFICATE of ANALYSIS

PRODUCT: **Beauvericin;** Isolated from *Beauveria* sp. FKI 1366.; [N-Methylcyclo(L-Phe-D-Hmb-N-methyl-L-Phe-D-Hmb-N-methyl-L-Phe-D-Hmb-); (3S,6R,9S,12R,15S,18R)-3,9,15-Tribenzyl-4,10,16-trimethyl-6,12,18-tripropan-2-yl-1,7,13-trioxa-4,10,16-triazacyclooctadecane-2,5,8,11,14,17-hexone], C₄₅H₅₇N₃O₉, M.W. 783.96, CAS# [26048-05-5]

PRODUCT NUMBER: B-1303

LOT NUMBER: B1651

APPEARANCE: White solid

SOLUBILITY: Soluble in 100% ethanol, acetone, hexane or methanol (1mg/ml). Slightly soluble in water.

PURITY (HPLC): ≥ 95%

DESCRIPTION: Depsipeptide belonging to the enniatin family. Active against gram-positive bacteria and mycobacteria. Also active against insects and brine shrimp. The ion-complexing capability allows it to transport alkaline earth metal and alkali metal ions across cell membranes. Has been shown to potentiate the antifungal activity of miconazole.

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

CAUTION: For laboratory research & scientific 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:

A handwritten signature in blue ink, appearing to be 'J.P. Smith'.