

## CERTIFICATE OF ANALYSIS

PRODUCT:	<b>Beauvericin;</b> Isolated from <i>Beauveria</i> 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] C <sub>45</sub> H <sub>57</sub> N <sub>3</sub> O <sub>9</sub> , M.W. 783.96, CAS# [26048-05-5]
PRODUCT NUMBER:	B-1303
LOT NUMBER:	G1068
APPEARANCE:	White solid
SOLUBILITY:	MDC: Clear colorless solution at 10 mg/ml
PURITY (HPLC):	99.61% (RP C18, Isocratic H <sub>2</sub> O: Acetonitrile 4:6, 216 nm, 2 ml/min.)
PURITY (TLC):	99% (NP, CH <sub>2</sub> Cl <sub>2</sub> , methanol 95:5) 99% (NP, EtOAc: Hexane 60:40) 99% (RP C18, methanol, H <sub>2</sub> O 8:2)
Detection: I <sub>2</sub>	
MELTING POINT:	150°C
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. <u>WARNING</u> : 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: **EK**