

## CERTIFICATE OF ANALYSIS

PRODUCT:	<b>Fumonisin B<sub>1</sub></b> [Macrofusine] from <i>Fusarium moniliforme</i> Ceramide synthase inhibitor C <sub>34</sub> H <sub>59</sub> NO <sub>15</sub> • H <sub>2</sub> O, M.W. 721.8, CAS# [116355-83-0]
PRODUCT NUMBER:	F-1022
LOT NUMBER:	F1107
APPEARANCE:	White to off-white powder (beige powder)
SOLUBILITY:	Clear colorless solution at 5 mg/ml in MeOH.
PURITY (TLC): <i>*DETECTION: Spray with H<sub>2</sub>SO<sub>4</sub> and heat</i>	98% NP, CH <sub>2</sub> Cl <sub>2</sub> , methanol, ACOH, H <sub>2</sub> O (60:40:1:9) 98% RP C18, methanol, KCl 4% (4:1)
PRODUCT DESCRIPTION:	A carcinogenic mycotoxin. An inhibitor of sphingosine biosynthesis.
STORAGE & HANDLING:	Store desiccated at +4°C. For long term storage, store at -20°C. Stock solutions are stable for up to 3 months at -20°C. <b><u>WARNING:</u> VERY TOXIC! POTENTIAL CARCINOGENIC!</b> 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: KS