

CERTIFICATE OF ANALYSIS

Product Name	Beauvericin
Source	From Beauveria bassiana
Molecular Formula	$C_{45}H_{57}N_3O_9$
Molecular Weight	783
CAS Number	26048-05-5
Lot Number	BE001

Test	Results
Appearance	White powder
Solubility*	MDC: Clear colorless solution at 10mg/ml
TLC (NP, CH ₂ Cl ₂ , methanol 95:5)	99%
TLC (NP, EtOAc: Hexane 60: 40)	99%
TLC (RP C18, methanol, H ₂ O 8: 2)	99%
Detection: I ₂	
HPLC	97.7%
Melting point	147 - 148°C

*Beauvericin may be soluble in other solvents.

Expiration date: November 2012

November 22, 2009

Yosef Behrend Ph.D