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CERTIFICATE OF ANALYSIS

Product Name	Sinefungin
Source	From Streptomyces sp.
Molecular Formula	C₁₅H₂₃N₇O₅
Molecular Weight	381.4
CAS Number	58944-73-3
Lot Number	SN001B

Test	Results
Appearance	White to yellow powder
Solubility*	Clear colorless solution at 20mg/ml
TLC (NP, MeOH: CHCl ₃ : NH ₄ OH 6: 1: 1)	>99%
TLC (RP C18, methanol: NH ₄ OH 6:1)	>99%
Detection: Spray with H ₂ SO ₄ and heat	
HPLC (Isocratic 0.5% acetonitrile in 0.5% 0.1mM NH ₄ acetate, 260nm)	96.64%
Melting point	>330°C

*Sinefungin may be soluble in other solvents.

Expiration date: March 2018

March 5, 2015

Yosef Behrend Ph.D