

CERTIFICATE OF ANALYSIS

Product Name	Nonactin
Source	Streptomyces Griseus (A mixture of Nonactin, Monactin)
Molecular Formula	C ₄₀ H ₆₄ O ₁₂
Molecular Weight	736.93 (from Nonactin)
CAS Number	6833-84-7
Lot Number	NO008
Test	Results
Appearance	White solid, needle-like crystals
Solubility*	CH ₂ Cl ₂ /DMSO: Clear colorless solution at 10mg/ml
TLC (NP, Acetone)	96.5% Nonactin, 3.5% Monactin
TLC (NP, CH ₂ Cl ₂ : EtOAc 1: 2)	Nonactin + Monactin 100%
TLC (NP, Toluene:EtOAc:HOAc 6:3:1)	Nonactin + Monactin: 100%
Detection (on TLC)	by I ₂ Vapors
Melting point	146°C

*Nonactin may be soluble in other solvents.

Expiration date: September 2017

September 21, 2014



Yosef Behrend Ph.D