



January 30, 2008

## CERTIFICATE OF ANALYSIS

*Ionomycin (free acid)*

From *Streptomyces conglobatus*

M.W. 709.0

Lot # IF001a

CAS [56092-81-0]

Appearance: Waxy solid

Solubility: DMSO, ethanol: Clear colorless solution at 10mg/ml.

Methanol: Clear colorless solution at 5mg/ml.

Purity:

TLC (NP, ethyl acetate: methanol 95:5): >98%

TLC (RP C18, methanol: H2O 9: 1): >98%

HPLC: (RP C18 column, isocratic, methanol: 0.1% TFA, 2ml/min.): 99.2%

Yosef Behrend Ph.D