



February 21, 2007

## CERTIFICATE OF ANALYSIS

*Ionomycin (Ca salt)*

From *Streptomyces conglobatus*

M.W. 747.1

Lot # IC001

CAS [56092-82-1]

Appearance: white to pale yellow crystals

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

Methanol: Clear colorless solution at 5mg/ml.

Melting point: 205 - 206°C

Purity:

TLC (NP): >98%

TLC (RP): >98%

HPLC: 99.2%

Elemental analysis:

C: 65.72 (65.85)

H: 9.46 (9.37)

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