

CERTIFICATE OF ANALYSIS

PRODUCT:	Ionomycin, Calcium Salt <i>From Streptomyces conglobatus</i> C ₄₁ H ₇₀ O ₉ Ca, M.W. 747.07, CAS# [56092-82-1]
PRODUCT NUMBER:	I-1015-CA
LOT NUMBER:	H1340A
APPEARANCE:	White Powder
SOLUBILITY:	Soluble in Methanol (5 mg/ml clear, colorless solution); DMSO/DCM (10 mg/ml clear, colorless solution). <small>*Ionomycin Ca Salt may be soluble in other solvents.</small>
PURITY (HPLC):	99.23%
PURITY (TLC):	> 99% (NP, Ethyl Acetate, Methanol 8:2) > 99% (NP, toluene, EtOAc, HCOOH 6:3:1) > 99% (RP C18, methanol, H ₂ O, 9:1) <small>*DETECTION: Spray with H₂SO₄ and heat</small>
MELTING POINT:	206-207°C
LAMBDA MAX (METHANOL):	296nm
STORAGE & HANDLING:	Store desiccated at +4°C. <u>WARNING:</u> HARMFUL! PROTECT FROM LIGHT! CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: SK