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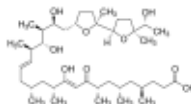
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Certificate of Analysis

Product Name:

Ionomycin from *Streptomyces conglobatus* - ≥98% (HPLC)

Product Number: I9657
Batch Number: 027M4081V
Brand: SIGMA
CAS Number: 56092-81-0
Formula: C₄₁H₇₂O₉
Formula Weight: 709,00 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 20 MAR 2017
Date Retested: 28 NOV 2017
Recommended Retest Date: NOV 2019



Test	Specification	Result
Appearance (Form)	Lyophilized Oil	Lyophilized Oil
Solubility (Solvent)	Acetonitrile	Acetonitrile
Solubility (Conc)	9.80 - 10.20 mg/ml	10.00 mg/ml
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Colorless to Light Yellow	Colorless
Purity (HPLC)	≥ 98.00 %	98.33 %
NMR (Solvent)	CDCl ₃	CDCl ₃
Identity by NMR	Consistent	Consistent with Structure
NMR (Residual Solvent 1)	Acetonitrile	Acetonitrile
NMR (% Solvent 1)	≤ 2.00 %	0.67 %
Vial Content (Actual Content)	≥ 0.0000	5.2500
Vial Content (Size)	≥ 0.00	5.00
Vial Content (Unit Of Measure)	mg	mg
Vial Content (Overpack)	≤ 20.00 %	5.00 %
Storage Conditions	Under Argon	Under Argon

Theo Ackermann PhD MScEng CQM
 Manager, Quality and Regulatory Affairs
 Jerusalem, Israel IL

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.