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CERTIFICATE OF ANALYSIS *A23187, free acid*

Lot # Ca007

Appearance: Off-white powder

Solubility (10mg/ml CH₂Cl₂): Clear colorless solution

Melting point: 189°C

TLC (EtOAc: P.E. 8: 2) >98%

Lambda max (MeOH): 225, 278, 285, 378 nm

Elemental analysis:

C: 66.31 (66.52)

H: 7.04 (7.12)

N: 7.87 (8.02)

Optical Rotation (1% in CHCl₃): (-)64 ± 1°

Yosef Behrend Ph.D