



CERTIFICATE OF ANALYSIS

PRODUCT: **4-Bromo-A23187,**
[4-Bromo-Calcimycin]
C₂₉H₃₆BrN₃O₆, M.W. 602.5, CAS# [76455-48-6]

PRODUCT NUMBER: A-1130

LOT NUMBER: A9079B

APPEARANCE: Slight yellow crystals

SOLUBILITY: Clear, colorless solution at 10 mg/ml CH₂Cl₂.
Clear, colorless solution at 100 mg/ml DMSO.

PURITY (TLC): 98% (NP, CH₂Cl₂, MeOH 95:5)
**Detection: Spray with H₂SO₄ and heat* 98% (NP, acetone, MeOH 1:1)
98% (RP C18, acetone, MeOH 1:1)

ELEMENTAL ANALYSIS:	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
	C: 57.81%	C: 55.99%
	H: 6.11%	H: 5.91%
	N: 6.97	N: 6.54%
	Br: 13.26%	Br: 12.56%

MELTING POINT: 85-86°C

A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102

SAN DIEGO, CA
92121



STORAGE & HANDLING:

Keep cool and dry at +4°C.

PROTECT FROM LIGHT and MOISTURE!

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: KT

A.G. Scientific, Inc, AN ISO 9001:2000 COMPANY
PHONE: (858) 452-9925, Toll FREE: (877) 452-9925, FAX: (858) 452-9926
EMAIL: info@agscientific.com, Web SITE: www.agscientific.com