



CERTIFICATE of ANALYSIS

PRODUCT: **G-418 Sulfate,**
[Glycoside-418 sulfate]
C₂₀H₄₀N₄O₁₀ • 2H₂SO₄, M.W. 692.70, CAS# [108321-42-2]

PRODUCT NUMBER: G-1033

LOT NUMBER: B1815

	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
APPEARANCE:	White powder	White powder
SOLUBILITY:	Colorless solution (100 mg/ml in H ₂ O)	Soluble in H ₂ O
WATER (KF):	≤8.0%	5.5%
PURITY (TLC):	≥90%	98%, Single spot
POTENCY (dry basis):	≥700 μg/mg	745 μg/mg
pH:	5.0-6.0	5.5
SPECIFIC ROTATION:	+104° – +121°	+114°
HEAVY METALS as Pb:	≤100 ppm	<20ppm
ABSORBANCE:		
280nm:	≤0.015	0.001
570nm:	≤0.10	0.01

A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102
SAN DIEGO, CA
92121



NH⁴⁺: ≤ 1.0% < 1.0%

STORAGE: Store at +4°C. PROTECT FROM 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: DD