



CERTIFICATE OF ANALYSIS

PRODUCT:	Gentamicin Sulfate, USP CAS# [1405-41-0]	
PRODUCT NUMBER:	G-1067	
LOT NUMBER:	A10027	
DESCRIPTION:	White powder	
	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
IDENTIFICATION:	Positive	Conforms
SPECIFIC ROTATION:	+ 107° - + 121°	+ 112°
pH:	3.5 - 5.5	4.6
LOSS ON DRYING:	≤18.0%	7.8%
RESIDUE ON IGNITION/ SULFATED ASH	≤1.0%	0.1%
LIMIT OF METHANOL:	≤1.0%	0.0%
GENTAMICIN C₁:	25%-50%	25%
GENTAMICIN C_{1a}:	10%-35%	33.7%
GENTAMICIN C_{2a} + C₂:	25%-55%	41.3%

A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102
SAN DIEGO, CA
92121



ENDOTOXINS:	< 0.71 EU/mg	0.3 EU/mg
ASSAY (dry basis):	> 590 $\mu\text{g}/\text{mg}$	636 $\mu\text{g}/\text{mg}$
STORAGE:	Store at +4°C	

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