



CERTIFICATE of ANALYSIS

PRODUCT: **Gentamycin Sulfate, USP Grade**
CAS# [1405-41-0]

PRODUCT NUMBER: G-1067

LOT NUMBER: B1555

APPEARANCE: White powder

	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
IDENTIFICATION:	Positive	Conforms
SPECIFIC ROTATION:	+107° - +121°	+118°
pH:	3.5 - 5.5	5.0
LOSS ON DRYING:	≤18.0%	7.0%
RESIDUE ON IGNITION/ SULFATED ASH:	≤1.0%	0.1%
LIMIT OF METHANOL:	≤1.0%	0.0%
GENTAMYCIN C₁:	25%-50%	27.2%
GENTAMYCIN C_{1a}:	10%-35%	29.3%
GENTAMYCIN C_{2a} + C₂:	25%-55%	43.5%
ENDOTOXINS:	<0.71 EU/mg	0.5 EU/mg
ASSAY (dry basis):	>590 μg/mg	664 μg/mg

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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: DD