



CERTIFICATE OF ANALYSIS

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

PRODUCT NUMBER: G-1068

LOT NUMBER: A9973

CONCENTRATION: 10 mg/ml in DI water

APPEARANCE: Clear to light yellow solution.

DATA based on DRY BASIS

SPECIFIC ROTATION: + 118°

pH: 4.9

METHANOL: >1.0%

GENTAMYCIN C₍₁₎: 30.1%

GENTAMYCIN C_(1a): 30.8%

GENTAMYCIN C_(2a) + C₍₂₎: 39.1%

POTENCY (dry basis): 635 mcg/mg

POTENCY (USP): 640 um/mg

SULFATED ASH: 0.2%

WATER: 9.8%

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LOSS ON DRYING: 7.5%

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: DH