

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-29 08:57:08

Date of Next Testing: 2030-05-28 08:57:08

Product Name: **Spectinomycin pentahydrate dihydrochloride**

CAS Number: 22189-32-8

Specifications & Purity: potency: ≥ 603 IU/mg

Lot #: E2613444

SKU # **S117923**

Version **0**

Analysis #: **699414**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Ignition Residue	0-1 (%)	0.10000 %
Water by Karl Fischer	16-21 (%)	17.90000 %
potency	≥ 603 (IU/mg OR I.U./mg)	660.00000 IU/mg OR I.U./mg
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	15-21 (°)	18.00000 °
IR spectrum	Conforms to structure	Conforms to Structure
Appearance (S117923)	white to off-white powder	White to Off-White Powder



John Su
QA & QC Manager