



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number	BIO-354
Lot Number	324352
Product	Spectinomycin dihydrochloride pentahydrate Actinospectacin Dihydrochloride pentahydrate
CAS Number	22189-32-8, 21736-83-4
Molecular Formula	$C_{14}H_{24}N_2O_7 \cdot 2HCl \cdot 5H_2O$
Molecular Weight	495.3

Appearance	White crystalline powder
Solubility	Clear and colorless (50mg/ml in H ₂ O)
Heavy Metals	< 0.0005%
Water Content (Karl Fisher)	16.0%
Acidity	4.1
Optical Rotation	+18°
Infrared Spectrum	Conforms
Sulfated Ash	0.33%
Assay (anhydrous basis)	≥ 780 µg/mg
Storage	Store at 0-8°C

Prepared by:

Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:

Sujata Moton
Sujata Moton
VP