

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01705
Product	Spectinomycin dihydrochloride pentahydrate
Lot Number	324352 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
Additional Information	Country of Origin : China
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager