

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	15176
Product	Spiramycin
Lot Number	002197-20130621
	Formacidine
	Kitasamycin
CAS Number	8025-81-8
Molecular Formula	C ₄₃ H ₇₄ N ₂ O ₁₄
Molecular Weight	843.06
Appearance	White powder
Heavy Metals	< 20 ppm
pH	10.0
Optical Rotation	[α] _D ²⁰ = -83° (Dried substance)
Loss on Drying	0.9%
Related Substances	Spiramycin I : 91.1% Spiramycin II : 0.4% Spiramycin III : 2.1% Total Spiramycins : 93.6% Related substances : < 2.0%
Sulfated Ash	< 0.1%
Assay	4317 IU/mg (Assay, wet substance)
Potency (Anhydrous Basis)	4356 IU/mg
Storage	Store at 2-8 °C
Additional Information	Identification A, B, C : Conforms

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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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager