

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	29903
Product	Actinomycin D from <i>Streptomyces</i> species
Lot Number	002562-20180301 Dactinomycin
CAS Number	50-76-0
Molecular Formula	C ₆₂ H ₈₆ N ₁₂ O ₁₆
Molecular Weight	1255.42

Appearance	Bright red crystalline powder
Solubility	Soluble in acetone, ethyl acetate
Optical Rotation	[α] _D ²⁰ = -298 °
UV Ratios	A _{240/445} = 1.35
Loss on Drying	< 5%
Bacterial Endotoxins	< 100 EU/mg
Related Substances	Total impurities : 1.7%
Purity by HPLC	98.2%
Grade	USP
Storage	Store at 0 - 8 °C

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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



Bala Kumar
Quality Control Manager