



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-098
Product	Chloramphenicol
Lot Number	001204-15211 Chloromycetin
CAS Number	56-75-7
Molecular Formula	C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅
Molecular Weight	323.13
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Appearance	Fine yellowish-white crystalline powder, needles
Melting Point	148-151 °C
Crystallinity	Meets the requirements
Anion	Chloride: < 0.01%
pH	5.6 (25 mg/mL aqueous solution)
Acidity & Alkalinity	Conforms to USP
Yeast and Mold	Absent
Optical Rotation	+19.2° (C=5, EtOH)
Infrared Spectrum	Conforms to structure (KBr pellet technique)
Loss on Drying	0.1%
Bacterial Endotoxins	< 10 CFU/g
E. Coli, Salmonella, S.Aureus	Absent
Pseudomonas Aeruginosa	Absent
Related Substances	Chromatographic purity: Passes test Individual impurity: < 0.5%
Assay	100.2%
Grade	USP/BP/EP
Storage	Store at RT

Prepared by:
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Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
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VP