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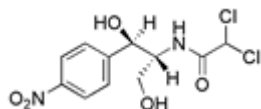
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	00061
Product	Chloramphenicol Chloromycetin
CAS Number	56-75-7
Molecular Formula	C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅
Molecular Weight	323.13

Appearance	White, greyish white or yellowish white, fine crystalline powder or fine crystals, needles or elongated plates.
Solubility	Slight soluble in water, freely soluble in alcohol, in propylene glycol, in acetone and in ethyl acetate.
Melting Point	149 - 153 °C
Crystallinity	To pass test
pH	4.5 - 7.5
Optical Rotation	[α] _D ²⁰ = 17 - 20 °
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : ≤ 0.3% Methyl dichloroacetate : ≤ 0.15% Benzoic aldehyde : ≤ 0.15%
Related Substances	Individual impurity : ≤ 1% Total impurities : ≤ 2%
Purity by HPLC	97 - 103% (On Dry basis)
Grade	Meets USP specifications
Storage	Store at RT
Additional Information	Identification : Its solution are practically neutral to litmus. It is reasonably stable in neutral or moderately acid solutions. Its alcohol solution is dextrorotatory and its ethyl acetate solution is levorotatory.

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For Laboratory Use Only