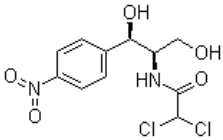


**HANGZHOU DINGYAN CHEM CO.,LTD**

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS**NO: DYC071711241**

Product name	Chloroamphenicol
CAS Number	56-75-7
Molecule Structure	
Molecule Formula	C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅
Batch number	20171022
Manufacture date	2017-11-02
Testing date	2017-11-02

Items	Standard	Test Result
Appearance	A white, greyish-white or yellowish-white, fine, crystalline powder or fine crystals, needles or elongated plates.	A yellowsh-white, fine crystalline powder, needles.
Character	Slightly soluble in water, freely soluble in alcohol and in propylene glycol. Its alcohol solution is dextrorotatory and its ethyl acetate solution is levorotatory.	Qualified
Melting range	Between 149℃ and 153℃	149.3~151.6℃
Infrared absorption spectrophotometry	IR spectrophotometry similar to which of Chloramphenicol CRS	Qualified
Acidity or alkalinity	To 0.1 g add 20 ml of carbon dioxide-free water R, shake and add 0.1 ml of bromothymol blue solution R1. Not more than 0.1 ml of 0.02 M hydrochloric acid or 0.02 M sodium hydroxide is required to change the colour of the indicator.	Qualified
Specific optical rotation	Between + 18.5° and + 20.5°	+19.5 °
Related substances	Individaul impurity≤0.5%	<0.5%
Chlorides	≤0.01%	<0.01%
Loss on drying	≤0.3%	0.08%
Sulfated ash	≤0.1%	0.02%
Assay	98.0% to 102.0%	100.7%

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Microbial limit		
Total Aerobic Microbial Count	≤10cfu/g	<10CFU/g
Total Yeasts and Molds Count	Absent per g	Absent
Escherichia coli	Absent per g	Absent
Pseudomonas aeruginosa & staphylococcus aureus	Absent per g	Absent
Conclusion	The product complies to EP9.0/BP2017.	

QUALITY CONTROL: *Edith*
Quality Control.....
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China