

# Product Specifications



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## CHLORAMPHENICOL

Product Number

IB02080

Size

25gm

CAS NO.

CAS#

56-75-7

### PHYSICAL SPECIFICATIONS

Molecular Formula	$C_{11}H_{12}Cl_2N_2O_5$
Molecular Weight	323.13
pH (2.5%, water)	$6.0 \pm 1.5$
Purity	97.0 - 103.0%
Melting Point	149 - 153C
Antibiotic Inhibition/Sensitivity Assay	Pass
Identification	Pass
Crystallinity	Pass
Chromatographic Purity	Pass

### WARNING

**Classification:** Carcinogenicity - 1B

**Hazard Statements:** H350-May cause cancer.

**Precautionary Statements:** P201-Obtain special instruction before use • P202-Do not handle until all safety precautions have been read and understood • P281-Use personal protective equipment as required • P308+P313-If exposed or concerned: Get medical advise/attention • P405-Store locked up • P501-Dispose of contents/container to an approved waste disposal plant.



**DANGER!**

### STORAGE

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Chloramphenicol Solution in a light tight container at -20°C.

### RECOMMENDED USE

IBI Chloramphenicol used in the amplification of plasmids and colony hybridizations:

#### Working Concentration

Stringent Relaxed

Plasmids Plasmids

**Stock Solution**  
Chloramphenicol 34mg/ml in ethanol

25µg/ml 170µg/ml

**Note:** Stock solution of antibiotics dissolved in ethanol need not be sterilized.

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