

CM 23100 – CHLORAMPHENICOL

REF NO: TBL/QA/SS/LC/2017	STANDARD SPECIFICATION FOR CHLORAMPHENICOL	Rev. No: 03
Issue No: 04		Review Date:28/10/2024
Issue Date: 29/10/2021		Product code:2017

PRODUCT PROPERTIES

C.A.S Number	56-75-7
Chemical Formula	$C_{11}H_{12}Cl_2N_2O_5$
Formula weight	323.1
Functional Uses	It is often used for bacterial selection in molecular biology applications at 10-20 µg/mL and as a selection agent for transformed cells containing chloramphenicol resistance genes.
Standard Packaging	5 gm & 25gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting point	149 – 151°C
Specific rotation	19.5±1°
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

