

CERTIFICATE OF ANALYSIS

Name Chloramphenicol
Cat. No. C6050F
CAS# [56-75-7]
Formula C₁₁H₁₂N₂Cl₂O₅

TEST	SPECIFICATION	ANALYSIS
Appearance	White to off-white crystals or crystalline powder	PASS
Identification (IR)	Conforms to Structure	PASS
Assay	≥99%	99.89%
Retention Time		PASS
Melting Point	149.0°C~153.0°	149.4°C
Specific Rotation([α] ₂₀ D)	C 17.00°~20.00°	+19.9°
pH(25 mg/mL, Water)	4.50~7.50	7.39
Application Test		PASS

Date of Analysis 2024-01

Analyst
Reviewed by

QC1
QC2

