



CERTIFICATE OF ANALYSIS

CHLORAMPHENICOL BASE

CAS Number 56-75-7
 Molecular Formula $C_{11}H_{12}Cl_2N_2O_5$
 Molecular Weight 323.13

TEST	SPECIFICATION
ASSAY	97.0 - 103.0 %
MELTING RANGE	149 - 153 C
SPECIFIC ROTATION [a] _D	+17.0 TO+20.0
CRYSTALLINITY	-- TO PASS TEST
pH OF AN AQUEOUS SUSPENSION	4.5 - 7.5
CHROMATOGRAPHIC PURITY	-- TO PASS TEST
IDENTIFICATION	-- TO PASS TEST
EXPIRATION DATE	
RESIDUAL SOLVENTS	-- TO PASS TEST

CHLORAMPHENICOL PALMITATE

CAS Number 530-43-8
 Molecular Formula $C_{27}H_{42}Cl_2N_2O_6$
 Molecular Weight 561.54

TEST	SPECIFICATION
ASSAY ($C_{11}H_{12}Cl_2N_2O_5$)	555 - 595 µg/mg
MELTING RANGE	87° - 95°C
SPECIFIC ROTATION, [a] (C=5; ANHYD. ALCOHOL)	+21° TO +25°
CRYSTALLINITY	TO PASS TEST
LOSS ON DRYING	-- 0.5%
ACIDITY	TO PASS TEST
FREE CHLORAMPHENICOL	-- 0.045%
IDENTIFICATION	TO PASS TEST
EXPIRATION DATE	
RESIDUAL SOLVENTS	TO PASS TEST