



CHLORAMPHENICOL PALMITATE I.P./B.P.

Other names: Chloromycetin Palmitate; CAP-Palmitate, Detreopal, 530-43-8

Chemical formula: $C_{27}H_{42}Cl_2N_2O_6$

CAS # 530-43-8

Specification:

TESTS	REQUIREMENTS	
	I.P.	B.P.
Solubility:	Must Comply	Must Comply
Identification:	Must Comply (A,C,D) & B (by TLC)	Must Comply A (By TLC), B & C
Melting Range:	87°-95° C	87°-95° C
Specific Optical Rotation:	+21°- +25° C	+22.5°- +25.5° C
Free Acid:	N.M.T 0.4 ml	N.M.T 0.4 ml
Loss on drying:	N.M.T 0.5 %	N.M.T 0.5 %
Sulphated Ash:	N.M.T 0.1 %	N.M.T 0.1 %
Free Chloramphenicol:	N.M.T 450 PPM	N.M.T 450 PPM
Related Substances (by TLC):	Must Comply	Must Comply
Assay:	97.0 % - 103.0 % w/w	98.0 % - 102.0 % w/w

Applications:

a) Medicinal Use

- o It is used to treat infection bacteria.
- o It is used in acute treatment of Q fever, Paratyphoid fever, Typhoid fever and rocky Mountain spotted fever.
- o One of the dosage forms available is Oral Suspension. It can also be used in different dosages as chew treat, oral oil suspension, oral paste and oral topical gel.

Package Size: 25 Kg

Note: Different package size available for bulk orders

Package Type:

HDPE drum with two food grade polyliner bag inside