


Specification



Chloramphenicol pure Ph. Eur.

A6435

Synonym	Chloromycetin, D(-)-threo-2,2-Dichloro-N-[β-hydroxy-α-(hydroxymethyl)-β-(4-nitrophenyl)-ethyl]-acetamide
Solubility (25°C)	2.5 g/L
Melting point	149 - 153°C
Formula	C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅
M	323.13 g/mol
CAS-No.:	56-75-7
HS-No.:	29414000
EC-No.:	200-287-4
Storage:	RT
LGK:	6.1 D
R:	45
S:	53-36/37-45
	carcinogenic
WGK:	3
Specification	
Assay (photometr.)	98.0 - 102.0 %
α_{20°C/D}; 6, % EtOH	+18.5° - +20.5°
Identity	complies
Acidic/alkaline react. subst.	complies
Sulfated ash	max. 0.1 %
Loss on drying	max. 0.5 %
Related subst.	max. 0.5 %
Chloride	max. 0.01 %