

Chloramphenicol, For Molecular Biology

MB286

Product Identifier

CAS No.	:	56-75-7
EC No.	:	200-287-4
Molecular Formula	:	C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅
Molecular Weight	:	323.13
HS Code	:	2941 40 00
Storage	:	Below 30°C
Shelf life	:	3 years

Technical Specification

Appearance	:	White to grey-white or yellow-white crystals or powder or needles
Solubility	:	33.3 mg soluble in 1 mL of ethanol
DNases	:	None detected
RNases	:	None detected
pH (2.5% aqueous suspension)	:	4.50 - 7.50
Specific rotation	:	+17.0° to +20.0° (c = 5% in dehydrated alcohol, undried)
Melting range	:	149 - 153°C
Loss on drying (at 105°C, 2 hr)	:	<= 0.50%
Assay (UV/HPLC)	:	97.0 - 103.0%

Safety Information

Hazard Pictogram(s)



Signal Word	:	Danger
Hazard Statement(s)	:	H350
Precautionary Statement(s)	:	P201- P280- P308 + P313- P405- P501
UN No.	:	No dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	AB6825000
WGK	:	3