

**QUALITY CERTIFICATE**

Product name: CHLORAMPHENICOL  
Quality: Ph.Eur.11.0.  
Package: 25 g  
Formula:  $C_{11}H_{12}Cl_2N_2O_5$   
Rel. mol. weight: 323,13  
Lot No.: GQ8161569  
Manufacturing date: 05.2024.  
Expiry date: 11.07.2027. (DMY)  
Anal. No.: 19295H61569

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white, greyish-white or yellowish-white, crystalline powder, needle crystals or long flakes	yellowish-white crystalline powder
Identity (IR)	identical	identical
Assay	97,5-102,0 %	99,59 %
Solubility	sparingly soluble in water, freely soluble in ethanol (96 per cent) and in propylene glycol	sparingly soluble in water, freely soluble in ethanol (96 per cent) and in propylene glycol
Melting range	149-153 °C	151,8-152,6 °C
Alkalinity, acidity	passes test	passes test
$[\alpha]_D^{20}$	+18,5-20,5 °	+19,98 °
Impurity A	max.0,2 %	<0,2 %
Unspecified impurities	max.0,1 %	<0,1 %
Total impurities	max.0,5 %	<0,5 %
Chloride	max.100 ppm	<100 ppm
Loss on drying (105°C)	max.0,5 %	0,02996 %
Sulphated ash	max.0,1 %	0,0921 %

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2024.07.11.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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