

QUALITY CERTIFICATE

Product name: CHLORAMPHENICOL
Quality: Ph.Eur.11.0.
Package: 100 g
Formula: $C_{11}H_{12}Cl_2N_2O_5$
Rel. mol. weight: 323,13
Lot No.: GD4055001
Manufacturing date: 03.2023.
Expiry date: 28.02.2028. (DMY)
Anal. No.: 15275H55001

| | REQUIRED | MEASURED |
|-------------------------|---|---|
| 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 % | 100,1 % |
| 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 | 152,2-152,5 °C |
| Alkalinity, acidity | passes test | passes test |
| $[\alpha]_D^{20}$ | +18,5-20,5 ° | +19,9 ° |
| Impurity A | max.0,2 % | <0,05 % |
| Unspecified impurities | max.0,1 % | <0,10 % |
| Total impurities | max.0,5 % | 0,06 % |
| Chloride | max.100 ppm | <100 ppm |
| Loss on drying (105 °C) | max.0,5 % | 0,05 % |
| Sulphated ash | max.0,1 % | 0,05 % |

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

Kiállítva: Halásztelek, 2023.08.07.


Nagy Balázs

minőségbiztosítási vezető

Molar Chemicals Kft.
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