

Specification

Technical Data Sheet

CAS**56-75-7****STORAGE****Ambient****MOLECULAR WEIGHT****323.13****PRODUCT****Chloramphenicol (EP grade)**

Product number	90033368
CAS number	56-75-7
Molecular formula	C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅
Molecular weight	323.13 g/mol

PARAMETER**SPECIFICATION**

Appearance	White or yellow-white crystalline powder
Conclusion	Conforms to EP 9.0/BP 2015
Loss on Drying	≤ 0.5%
Melting Point	149-153 °C
Chlorides	≤ 100ppm
Sulphated Ash	≤ 0.1%
Assay (dried basis)	98-102%
Identification (IR)	Conforms to reference
Related Substances(TLC)	≤ 0.5%
Specific Optical Rotation [α] _{20 D}	+18.5 - +20.5°

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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