

Certificate of Analysis

Date of Testing: 2024-10-31 17:22:23

Date of Next Testing: 2028-10-30 17:22:23

Product Name: **Chloramphenicol**

CAS Number: 56-75-7

Specifications & Purity: Moligand™, ≥98%

Lot #: J2430275

SKU #: **C100331**

Version: **2**

Analysis #: **293393**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Melting point	149-152 (°C)	149.40000 °C
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	17-20 (°)	17.42 °
Purity(HPLC)	98-100 (%)	99.41500 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	99.61 %
loss on drying, 105 °C	0-0.5 (%)	0.02 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (C100331)	White to Off-White Powder	White to Off-White Powder



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QA & QC Manager