

Certificate of Analysis

Date of Testing: 2022-12-28 17:04:03
Date of Next Testing: 2026-12-27 17:04:03
Product Name: **Chloramphenicol**
CAS Number: 56-75-7
Specifications & Purity: 98%
Lot #: L22151198
SKU #: **C100331**
Analysis: **036278**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	17-20 (°)	17.98°
Purity(HPLC)	98-100 (%)	98.72500%
Purity (Argentmetric Titration)	97.5-102.5 (%)	99.50%
loss on drying, 105 °C	0-0.5 (%)	0.06%
Melting point	149-152 (°C)	151.68000 °C
Appearance (C100331)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
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