

Certificate of Analysis

Date of Testing: 2023-11-23 13:07:58
Date of Next Testing: 2027-11-22 13:07:58
Product Name: **Chloramphenicol**
CAS Number: 56-75-7
Specifications & Purity: 98%
Lot #: K2322257
SKU #: **C100331**
Analysis: **293393**
Storage Temperature: 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



John Su
QA & QC Manager