

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-15 11:25:57
Date of Next Testing: 2029-12-14 11:25:57
Product Name: **Chloramphenicol**
CAS Number: 56-75-7
Specifications & Purity: Moligand™, ≥98%
Lot #: L2508297
SKU #: **C100331**
Version: **2**
Analysis #: **378759**
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Melting point	149-152 (°C)	152.00000 °C
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	17-20 (°)	19.00000 °
loss on drying, 105 °C	0-0.5 (%)	0.30000 %
Purity(HPLC)	98-100 (%)	98.13000 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	97.60000 %
Appearance (C100331)	White to Off-White Powder	white to off-white to Orange to Green powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager