

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 14:37:18
Date of Next Testing: 2029-09-15 14:37:18
Product Name: **Chloramphenicol**
CAS Number: 56-75-7
Specifications & Purity: Moligand™, ≥98%
Lot #: I2511025
SKU #: **C100331**
Version: **2**
Analysis #: **434935**
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Melting point	149-153 (°C)	151.43000 °C
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	17-21 (°)	19.20300 °
Purity(HPLC)	98-100 (%)	98.94600 %
loss on drying, 105 °C	0-0.5 (%)	0.02017 %
Appearance (C100331)	White to Off-White to Orange to Green Powder to crystal	white to off-white to Orange to Green powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager