

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 19:14:11

Date of Next Testing: 2029-03-11 19:14:11

Product Name: **Chloramphenicol**

CAS Number: 56-75-7

Specifications & Purity: Moligand™, ≥98%

Lot #: C2512274

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 (°)	19.20°
Purity(HPLC)	98-100 (%)	98.94600 %
loss on drying, 105 °C	0-0.5 (%)	0.02 %
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