

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 10:34:55

Date of Next Testing: 2029-07-17 10:34:55

Product Name: **Chloramphenicol**

CAS Number: 56-75-7

Specifications & Purity: Moligand™, for plant cell culture

Lot #: I2128117

SKU # **C100334**

Version **1**

Analysis #: **543425**

Storage Temperature: Protected from light,Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.72300 %
loss on drying, 105 °C	0-0.5 (%)	0.06390 %
Melting point	149-152 (°C)	151.67800 °C
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	17-20 (°)	17.97600 °
Appearance (C100334)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Pale Yellow Clear(50 mg/ml)	pass	Pass



John Su
QA & QC Manager