

Certificate of Analysis

Date of Testing: 2025-06-27 09:10:41

Date of Next Testing: 2029-06-26 09:10:41

Product Name: **Chloramphenicol**

CAS Number: 56-75-7

Specifications & Purity: Moligand™, for plant cell culture

Lot #: F2519062

SKU #: **C100334**

Version: **1**

Analysis #: **535003**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.52600%
loss on drying, 105 °C	0-0.5 (%)	0.21%
Melting point	149-152 (°C)	151.39000 °C
Specific Rotation [α] _{20/D} (c=5 in EtOH)	17-20 (°)	18.92°
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