

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-24 13:16:51

Date of Next Testing: 2028-12-23 13:16:51

Product Name: **Chloramphenicol**

CAS Number: 56-75-7

Specifications & Purity: PharmPure™, USP

Lot #: L2418537

SKU #: **C100333**

Version: **2**

Analysis #: **442006**

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

Parameter	Limit Values	Result
PH test	4.5-7.5	5.14000
Melting point	149-153 (°C)	151.63000 °C
Specific Rotation [α] _{20/D} (c=5 in EtOH)	17-20 (°)	19.27800 °
Loss on drying	0-0.5 (%)	0.01832 %
Sulfated Ash	0-0.1 (%)	0.00000 %
Assay	97-103 (%)	98.93400 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Identification (IR)	Passes test	Passes test
Residual solvents	complies	complies



John Su
QA & QC Manager