

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-10 14:06:59
 Date of Next Testing: 2029-04-09 14:06:59
 Product Name: **Chloramphenicol**
 CAS Number: 56-75-7
 Specifications & Purity: PharmPure™, USP
 Lot #: D2503411
 SKU #: **C100333**
 Version: **2**
 Analysis #: **473060**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
PH test	4.5-7.5	6.85000
Assay	97-103 (%)	99.52600 %
Melting point	149-153 (°C)	151.39000 °C
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	17-20 (°)	18.91900 °
Loss on drying	0-0.5 (%)	0.20800 %
Sulfated Ash	0-0.1 (%)	0.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Identification (IR)	Passes test	Passes test
Residual solvents	complies	complies



John Su
QA & QC Manager