

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-12 15:53:52
Date of Next Testing: 2029-08-11 15:53:52
Product Name: **Chloramphenicol**
CAS Number: 56-75-7
Specifications & Purity: PharmPure™, USP
Lot #: H2504204
SKU #: **C100333**
Version: **2**
Analysis #: **473406**
Storage Temperature: Protected from light, Store at -20°C

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| PH test | 4.5-7.5 | 6.50000 |
| Assay | 97-103 (%) | 99.55900 % |
| Melting point | 149-153 (°C) | 151.01000 °C |
| Specific Rotation [α] ₂₀ /D(c=5 in EtOH) | 17-20 (°) | 18.83200 ° |
| Sulfated Ash | 0-0.1 (%) | 0.08305 % |
| Loss on drying | 0-0.5 (%) | 0.24914 % |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Identification (IR) | Passes test | Passes test |
| Residual solvents | complies | complies |



John Su
QA & QC Manager