

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-05 11:13:59

Date of Next Testing: 2030-08-04 11:13:59

Product Name: **Chloramphenicol**

CAS Number: 56-75-7

Specifications & Purity: PharmPure™, USP

Lot #: G2631211

SKU #: **C100333**

Version: **2**

Analysis #: **703295**

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

| Parameter                                           | Limit Values          | Result                |
|-----------------------------------------------------|-----------------------|-----------------------|
| PH test                                             | 4.5-7.5               | 5.10500               |
| Assay                                               | 97-103 (%)            | 99.39000 %            |
| Melting point                                       | 149-153 (°C)          | 151.66000 °C          |
| Specific Rotation [α] <sub>20</sub> /D(c=5 in EtOH) | 17-20 (°)             | 19.11800 °            |
| Loss on drying                                      | 0-0.5 (%)             | 0.20190 %             |
| Sulfated Ash                                        | 0-0.1 (%)             | 0.08300 %             |
| Proton NMR spectrum                                 | Conforms to Structure | Conforms to Structure |
| Identification (IR)                                 | Passes test           | Passes test           |
| Residual solvents                                   | complies              | complies              |



John Su  
QA & QC Manager