

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-16 15:11:06  
Date of Next Testing: 2029-01-15 15:11:06  
Product Name: **Florfenicol**  
CAS Number: 73231-34-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: A2506111  
SKU #: **F111293**  
Version: **0**  
Analysis #: **338716**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

| Parameter   | Limit Values                   | Result                       |
|---|--------------------------------|------------------------------|
| Melting point   | 153-157 ( $^{\circ}\text{C}$ ) | 155.12000 $^{\circ}\text{C}$ |
| Purity(HPLC)  | 98-100 (%)                     | 99.81000 %                   |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | -19--16 ( $^{\circ}$ )         | -17.83 $^{\circ}$            |
| Appearance (F111293)                                    | White to Off White Solid       | White to Off White Solid     |
| Infrared spectrum                                       | Conforms to Structure          | Conforms to Structure        |



John Su  
QA & QC Manager