



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

## Certificate of Analysis-Florfenicol

CAS: 73231-34-2

Batch Number: *FTF0250217* Batch Quantity: 188kg

Manufacture Date: Feb.15<sup>th</sup>,2025 Analysis Date: Feb.16<sup>th</sup>,2025 Certificate Date: Feb.17<sup>th</sup>,2025

**Storage** Store in cool & dry place. Store in well-closed containers.

**Shelf life** 3 years when properly stored.

| Item               | Standard                                           | Test Results |
|--------------------|----------------------------------------------------|--------------|
| Appearance         | White crystalline powder                           | Complies     |
| Identification     | The RT is same with standard sample in HPLC system | Complies     |
| PH                 | 4.5 ~ 7.0                                          | 5.89         |
| Melting point      | 153°C ~ 158°C                                      | 155°C        |
| Optical rotation   | -15° ~ -20°                                        | 18°          |
| Loss on drying     | ≤ 0.50%                                            | 0.13%        |
| Heavy metal        | ≤ 0.002%                                           | 0.001%       |
| Water(KF)          | ≤ 0.5%                                             | 0.3%         |
| Sulphated ash      | ≤ 0.1%                                             | 0.1%         |
| Fluorin content    | ≥ 4.8%                                             | 5.1%         |
| Chlorides          | ≤ 0.02%                                            | 0.02%        |
| Related substances | Individual impurity: ≤ 0.5%                        | 0.1%         |
|                    | Total impurity: ≤ 2.0%                             | 1.8%         |
| Assay (Anhydrous)  | ≥ 98%                                              | 98.89%       |

**Conclusion:** Conform with enterprise specification .

QC MANAGER: 刘娟

INSPECTOR: 黄子烨

