

Certificate of Analysis

Date of Testing: 2023-03-02 17:56:55
Date of Next Testing: 2027-03-01 17:56:55
Product Name: **Chloramphenicol**
CAS Number: 56-75-7
Specifications & Purity: 98%
Lot #: B2327420
SKU #: **C100331**
Analysis: 184809
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Melting point | 149-152 (°C) | 151.71000 °C |
| Specific Rotation [α] ₂₀ /D(c=5 in EtOH) | 17-20 (°) | 18.17° |
| Purity(HPLC) | 98-100 (%) | 99.39800% |
| Purity (Argentmetric Titration) | 97.5-102.5 (%) | 99.90% |
| loss on drying, 105 °C | 0-0.5 (%) | 0.14% |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Appearance (C100331) | White to Off-White Powder | White to Off-White Powder |



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