

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-01 11:28:27  
Date of Next Testing: 2027-08-31 11:28:27  
Product Name: **Chloramphenicol**  
CAS Number: 56-75-7  
Specifications & Purity: USP  
Lot #: H2329316  
SKU #: **C100333**  
**Analysis:** **074095**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
PH test	4.5-7.5	6.50
Assay	97-103 (%)	98.53 %
Melting point	149-153 (°C)	150.76000 °C
Specific Rotation [α] <sub>20</sub> /D(c=5 in EtOH)	17-20 (°)	18.55 °
Chromatographic purity	pass	Pass
Crystallinity	pass	Pass
Identification	pass	Pass
Residual solvents	complies	complies
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager