

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-24 17:27:58

Date of Next Testing: 2026-03-23 17:27:58

Product Name: **Chloramphenicol**

CAS Number: 56-75-7

Specifications & Purity: USP

Lot #: C2223378

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] ₂₀ /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