

Certificate of Analysis

Date of Testing: 2024-04-23 13:30:25
Date of Next Testing: 2028-04-22 13:30:25
Product Name: **Chloramphenicol**
CAS Number: 56-75-7
Specifications & Purity: USP
Lot #: D2410195
SKU #: **C100333**
Analysis: **337662**
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
PH test	4.5-7.5	4.76
Assay	97-103 (%)	99.60%
Melting point	149-153 (°C)	151.88000 °C
Specific Rotation [α] ₂₀ /D(c=5 in EtOH)	17-20 (°)	19.81°
Chromatographic purity	pass	Pass
Crystallinity	pass	Pass
Identification	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Residual solvents	complies	complies



John Su
QA & QC Manager