

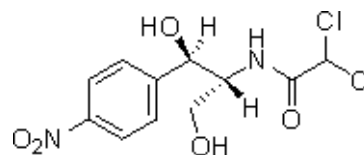
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Chloramphenicol - meets USP testing specifications

**Product Number:** C0857  
**CAS Number:** 56-75-7  
**MDL:** MFCD00078159  
**Formula:** C<sub>11</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>5</sub>  
**Formula Weight:** 323.13 g/mol



TEST	Specification
Identity	Pass
Initial Melting Point	≥ 149 °C
Final Melting Point	≤ 153 °C
Specific Rotation	17.0 - 20.0 °
pH	4.5 - 7.5
Assay	97.0 - 103.0 %
Crystallinity	Pass
Chromatographic Purity	Pass
Residual Solvents USP 467	Meets Requirements
Recommended Retest Period	-----
5 years	

Specification: PRD.1.ZQ5.10000029275

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.