

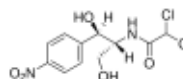
3050 Spruce Street, Saint Louis, MO 63103, USA

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

## Product Specification

Product Name:  
Chloramphenicol -  $\geq 98\%$  (HPLC)

Product Number: **C0378**  
CAS Number: 56-75-7



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
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity)	Clear
50mg/mL, EtOH	
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Carbon	39.9 - 41.9 %
Nitrogen	26.4 - 27.9 %
Nitrogen	8.5 - 8.8 %
Purity (HPLC)	$\geq 98\%$
Recommended Retest Period	-----
5 Years	

Specification: PRE.0.ZQ5.10000020233

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.