

# CERTIFICATE OF ANALYSIS

Product Description      CHLORAMPHENICOL  
Product Number          C252  
Lot Number                05C25202  
Storage Temperature     Room Temperature  
Molecular Weight        323.13  
Formula                    C<sub>11</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>5</sub>  
CAS Number                56-75-7

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in ethanol @ 50 mg/mL	Passes
Physical Appearance Color*	2143-70 to 2149-70 or 2023-70 to 2028-70	2146-70 Off-White w/Slight Cream Tint
Texture	Fine to Coarse Crystalline Powder	Fine Powder
Solution Appearance Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 15 min	Passes
Insolubles	None	Passes
Purity	Minimum 97.0%	98.9%

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

## Biological Testing:

Test Concentration: 50 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product does not typically promote tissue growth; tissue necrosis or death is possible. It was tested with two or more plant cell lines with no bioburden added to the medium.	Tobacco callus	Passes
	Boston Fern	Passes

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Recommended Shelf Life Date: July 2014



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### **PhytoTechnology Laboratories®**

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