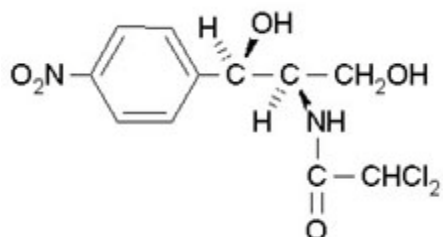




Product Information Sheet

C252



Chloramphenicol

Synonym: [R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide

CAS: 56-75-7

Formula: C₁₁H₁₂Cl₂N₂O₅

Molecular Wt: 323.13

Properties

Form: Powder

Appearance: Off-white to Yellow Powder

Application: Plant Tissue Culture Antibiotic

Solubility: Soluble in water at up to 2.5 mg/mL per the Merck Index. More highly soluble in ethanol. Consult the certificates of analysis for lot-specific solubility information.

Typical Working Concentration: Consult the appropriate literature for your plant species and application.

Storage Temp: Room Temperature

Storage Temp of Stock Solution: Store at 2-6° C for 30 days. Protect from light.

Other Notes: Plant Tissue Culture Tested

Application Notes

Please Note: While *PhytoTechnology Laboratories*™ tests each lot of this product with two or more plant cell/ tissue culture lines, it is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.

References

Merck 13, 2087

Rev. 07/2009

PhytoTechnology Laboratories®

P.O. Box 12205 • Shawnee Mission, KS • 66282-2205

Phone: 1-913-341-5343 or 1-888-749-8682 (U.S. Only) Fax: 1-913-341-5442 or 1-888-449-8682 (U.S. Only)

Web Site: www.phytotechlab.com

© 2009 PhytoTechnology Laboratories, LLC™