

CERTIFICATE OF ANALYSIS

Product Description CARBENICILLIN, DISODIUM SALT SOLUTION, 100 MG/ML
 α -CARBOXYBENZYL PENICILLIN, DISODIUM SALT
Product Number C540
Lot Number 10M0540005
Storage Temperature -20-0 °C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH	Under Development	6.27
Physical Appearance Color Texture	Colorless to Slight Yellow Tint Clear Liquid	Slight Yellow Tint Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes
Purity of Raw Material	Minimum 85%	92.8%
Potency of Raw Material	For Information Only	810 µg/mg

Biological Testing:

Test Concentration: 0.50 mL (50 mg)/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product does not typically promote growth; tissue necrosis or death is possible. This product is tested with two or more clean plant cell lines with no bioburden.	Tobacco callus	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United States of America and is of synthetic nature. 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: December 2012



Gary Seckinger, Ph.D.



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