

CERTIFICATE OF ANALYSIS

Product Description CARBENICILLIN, DISODIUM SALT SOLUTION, 100 MG/ML
 α -CARBOXYBENZYL PENICILLIN, DISODIUM SALT
Product Number C540
Lot Number HRW0540010
Storage Temperature -20°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Under Development	5.9
Physical Appearance		
Color*	Colorless to 2018-70 to 2024-70	Colorless
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility	Sterile	Passes
FTIR	Conforms to Structure	Passes
Purity of Raw Material	Minimum 85%	97.60%

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

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.	H38 Tobacco Callus	Passes
	Parrot Feather	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.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.

Date of Release: 27-November-2023
Recommended Shelf-Life Date: May 2026



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