

CERTIFICATE OF ANALYSIS

Product Description CARBENICILLIN, DISODIUM SALT SOLUTION, 100 MG/ML
 α -CARBOXYBENZYL PENICILLIN, DISODIUM SALT
Product Number C540
Lot Number SWS0540007
Storage Temperature -20°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Under Development	6.5
Physical Appearance		
Color*	Colorless to 2018-70 to 2024-70	2020-70 Light Yellow
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility by USP <71>	Sterile	Passes
FTIR	Conforms to Structure	Passes
Purity of Raw Material	Minimum 85%	92.50%
Potency of Raw Material	For Information Only	805 µg/mg

* 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.	Cape Primrose	Passes
	Echinacea	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.

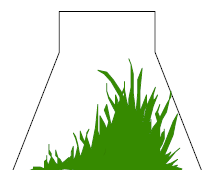
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Date of Release: 17-November-2017

Recommended Shelf Life Date: November-2020



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