

CERTIFICATE OF ANALYSIS

Product Description CARBENICILLIN, DISODIUM SALT SOLUTION, 100 MG/ML
 α -CARBOXYBENZYL PENICILLIN, DISODIUM SALT
Product Number C540
Lot Number HEE0540011
Storage Temperature -20°C
Molecular Weight 422.36
Formula $C_{17}H_{16}N_2O_6SNa_2$
CAS Number 4800-94-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Under Development	6.5
Physical Appearance Color* Clarity	Colorless to 2018-70 to 2024-70 Clear Liquid	Colorless Clear Liquid
Insolubles	None	Passes
Sterility	Sterile	Passes
FTIR	β -lactam content	Passes
Purity of Raw Material	For Information Only	97.60%
Potency of Raw Material	For Information Only	856 μ g/mg

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

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: 05-December-2024

Recommended Shelf-Life Date: December 2027

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