

CERTIFICATE OF ANALYSIS

Product Description	CARBENICILLIN SOLUTION 250 MG/ML
Product Number	C2046
Lot Number	11G2046002
Storage Temperature	-20-0 °C
Molecular Weight	422.41
Formula	C ₁₇ H ₁₆ N ₂ O ₆ SNa ₂
CAS Number	4800-94-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Under Development	6.91
Physical Appearance		
Color*	Under Development	Slight Yellow Tint
Texture	Under Development	Clear Liquid
Sterility by USP<71>	Sterile	Passes
Insolubles	None	Passes
Potency of Raw Materials	For Information Only	830 µg/mg

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

Biological Testing:

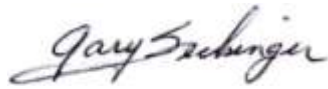
Test Concentration: 0.20 mL/L

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 added to the medium.	Achimenes	Passes
	Hosta	Passes

The material described in this certificate is synthetic. 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: July 2013



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