

# CERTIFICATE OF ANALYSIS

Product Description TIMENTIN SOLUTION, 100 MG/ML  
[ TICARCILLIN DISODIUM SALT/ POTASSIUM CLAVULANATE  
MIXTURE (15:1)]  
Product Number T767  
Lot Number HHY0767011  
Storage Temperature -20°C  
Molecular Weight 428.4 / 237.3  
Formula  $C_{15}H_{14}N_2Na_2O_6S_2 / C_8H_8KNO_5$   
CAS Number 4697-14-7/61177-45-5

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Under Development	6.4
Physical Appearance	2018-70 to 2024-70, 2021-50 to 2023-50, or colorless	Colorless
Color*	2023-50, or colorless	Clear Liquid
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Sterility	Sterile	Passes

## Biological Testing:

Test Concentration: 0.50 mL/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Begonia	Passes
	Tobacco Callus	Passes

The material described in this certificate was manufactured in the United States of America and contains ticarcillin and potassium clavulanate, both of which are semi-synthetic. They are each highly purified from microbial fermentation, and then blended. 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: 5-May-2021

Recommended Shelf Life Date: November 2023



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