

# CERTIFICATE OF ANALYSIS

Product Description CEFOTAXIME SOLUTION (100 mg/mL)  
Product Number C537  
Lot Number 14M0537005  
Storage Temperature -20-0 °C  
Molecular Weight 477.4  
Formula  $C_{16}H_{16}N_5O_7S_2Na$   
CAS Number 64485-93-4

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH	Under Development	5.6
Physical Appearance Color	2020-50 to 2024-50 2021-20 to 2021-50	2024-50 Light Yellow
Texture	Clear Liquid	Clear Liquid
Insolubles	Under Development	None
FTIR	Conforms to Structure	Passes
Sterility by USP <71>	Sterile	Passes
Potency of Raw Material	Minimum 916 µg/mg	947 µg/mg

## 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.	Coreopsis	Passes
	Ajuga	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: June 2017



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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