

# CERTIFICATE OF ANALYSIS

Product Description CEFOTAXIME SOLUTION (250 MG/ML)  
Product Number C1880  
Lot Number AWK1880008  
Storage Temperature -20°C  
Molecular Weight 477.45 g/mol  
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 (Neat)	Under Development	4.4
Physical Appearance	2018-40 to 2021-40	2018-40 Orange
Color*	2019-50 to 2023-50	Clear Liquid
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes- none
Potency of Raw Materials	For Information Only	944.6 µg/mg
FTIR	Conforms to Structure	Passes
Sterility	Sterile	Passes

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

## Biological Testing:

Testing concentration: 0.10 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	Coreopsis	Passes
	Tobacco Callus	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic in 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: 30-August-2021

Recommended Shelf Life Date: August-2023



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