

CERTIFICATE OF ANALYSIS

Product Description CEFOTAXIME SOLUTION (100 mg/mL)
Product Number C537
Lot Number HCX0537011
Storage Temperature -20°C
Molecular Weight 477.45 g/mol
Formula C₁₆H₁₆N₅O₇S₂Na
CAS Number 64485-93-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH	Under Development	5.2
Physical Appearance Color	2020-50 to 2024-50 2021-20 to 2021-50	2023-50 Yellow
Texture	Clear Liquid	Clear Liquid
Insolubles	Under Development	Passes-None
Sterility	Sterile	Passes
Potency of Raw Material	Minimum 916 µg/mg	948.2 µg/mg
FTIR	β-lactam content	Passes

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.	Begonia	Passes
	Xanthi Tobacco Callus	Passes

The material described in this certificate is synthetic. 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: 12-April-2022

Recommended Shelf Life Date: April 2027



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