

CERTIFICATE OF ANALYSIS

Product Description CEFOTAXIME SOLUTION (100 mg/mL)
CEFOTAXIME, SODIUM SALT
(6R,7R)-3-[(ACETYLOXY)METHYL]-7-[[[(2Z)-(2-AMINO-4-THIAZOLYL)(METHOXYIMINO)ACETYL]AMINO]-8-OXO-5-THIA-1-AZABICYCLO[4.2.0]OCT-2-ENE-2-CARBOXYLIC ACID

Product Number C537
Lot Number HEE0537015
Storage Temperature -20°C
Molecular Weight 477.45
Formula C₁₆H₁₆N₅O₇S₂Na
CAS Number 64485-93-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Under Development	5.0
Physical Appearance		
Color*	2020-50 to 2024-50, 2021-20 to 2021-50	2024-50 Yellow
Clarity	Clear Liquid	Clear Liquid
Insolubles	Under Development	Passes- None
Sterility	Sterile	Passes
FTIR	β-lactam content	Passes
Purity of Raw Material	For Information Only	95.5%
Potency of Raw Material	For Information Only	952 μg/mg


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

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: 04-December-2024

Recommended Shelf-Life Date: December 2029

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