

CERTIFICATE OF ANALYSIS

Product Description CEFOTAXIME SOLUTION (250 MG/ML)
Product Number C1880
Lot Number STS1880007
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	5.3
Physical Appearance	2018-40 to 2021-40	2023-50 Yellow Clear Liquid
Color*	2019-50 to 2023-50	
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Potency of Raw Materials	For Information Only	941 µg/mg
FTIR	Conforms to Structure	Passes
Sterility by USP<71>	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	Perilla 'Fantasy'	Passes
	Coreopsis	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.

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.

Date of Release: 08-Aug-17

Recommended Shelf Life Date: August 2022



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PhytoTechnology
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