

CERTIFICATE OF ANALYSIS

Product Description COLCHICINE SOLUTION 2.5 MG/ML
(1E)-N-[(7S)-1,2,3,10-TETRAMETHOXY-9-OXO-5,6,7,9-TETRAHYDROBENZO[A]HEPTALEN-7-YL]ETHANIMIDIC ACID
Product Number C2026
Lot Number ACR2026002
Molecular Weight 399.44
Formula $C_{22}H_{25}NO_6$
CAS Number 64-86-8
Storage Temperature 2-8°C (Protect From Light)

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|-----------------------|---------------------------------|-----------|
| Solubility | Miscible with Water | Passes |
| Physical Appearance | | |
| Color* | Clear | Clear |
| Texture | Colorless to Slight Yellow Tint | Colorless |
| Insolubles | None | Passes |
| Purity (Raw Material) | Minimum 94.0% | Passes |
| Sterility by USP <71> | Sterile | Passes |

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

Biological Testing:

Test Concentration: 4 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 | Tobacco Callus | Passes |
| | Hosta | 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: 25-February-2020

Recommended Shelf Life Date: February 2023



David S. Hart
Technical Director

PhytoTech Labs Inc.
14610 W 106TH St. Lenexa, KS 66215
Phone: 1-888-749-8682 or 1-913-341-5343
Fax: 1-888-449-8682 or 1-913-341-5442
Phytotechlab.com