

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 HRT2026005
Molecular Weight 399.44
Formula C₂₂H₂₅NO₆
CAS Number 64-86-8
Storage Temperature -20°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	Slight Yellow Tint
Insolubles	None	Passes
Purity of Raw Material	Minimum 94.0%	99.95%
Sterility	Sterile	Passes

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

Biological Testing:

Test Concentration: 4.0 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	Xanthi Tobacco Callus	Passes
	Perilla Fantasy	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: 17-November-2025

Recommended Shelf-Life Date: May 2028

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician