

CERTIFICATE OF ANALYSIS

Product Description MALT EXTRACT
Product Number M474
Lot Number 12L0474012
Storage Temperature Room Temperature
CAS Number 8002-48-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 2 mg/mL	Passes
pH (2.00 g/L)	4.9 – 5.9	5.5
Physical Appearance Color*	2152-40 to 2154-40, 2152-50 to 2155-50, 2152-60 to 2155-60, HC-9, HC-12, or HC-31	2152-60 Light Tan
Texture	Fine to Granular Powder	Fine Powder
Solution Appearance Clarity Color	Clear to Hazy Colorless to Slight Yellow Tint	Hazy Colorless
Insolubles	None to Fine	Passes - None

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

Biological Testing:

Test Concentration: 2.00 g/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue culture lines with no morphological aberrations to plants	Cattleya orchids	Passes
	Dendrobium orchids	Passes

The material described in this certificate was manufactured in the United States of America and is plant-derived. No animal-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.

Recommended Shelf Life: November 2020



Gary Seckinger, Ph.D.



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