

# CERTIFICATE OF ANALYSIS

Product Description MALT EXTRACT  
Product Number M474  
Lot Number 09A0474009  
Storage Temperature Room Temperature  
CAS Number 8002-48-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 2 mg/mL	Passes
pH	4.93 – 5.93	5.85
Physical Appearance Color*	2018-70, 2152-40 to 2154-40, 2152-50 to 2155-50, 2152-60 to 2155-60, HC-9, HC-12, or HC-31	2018-70 Cream
Texture	Fine to Granular Powder	Fine Powder
Solution Appearance Clarity Color	Clear Off-white to Light Yellow	Clear Light Yellow
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Moisture	For Information Only	2.02%

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

## Biological Testing:

Test Concentration: 2.0 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	Ascocenda orchid	Passes
	Oncidium orchid	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.

**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.**

Recommended Shelf-Life Date: January 2017



David Hart  
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