

CERTIFICATE OF ANALYSIS

Product Description MALT EXTRACT
Product Number M474
Lot Number 10A0474010
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	5.30
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	2152-60: Light Tan
Texture	Fine to Granular Powder	Fine Powder
Solution Appearance Clarity Color	Clear Off-white to Light Yellow	Clear Off-White
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Moisture	For Information Only	1.94%

* 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	Oncidium orchids	Passes
	Dendrobium orchids	Passes

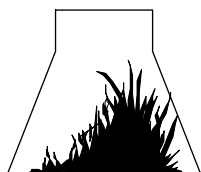
The material described in this certificate was manufactured in the United States of America and is plant-derived. No animal-derived components were used in the manufacture of this product.

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: January 2018



Gary Seckinger, Ph.D.



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