

CERTIFICATE OF ANALYSIS

Product Description MALT EXTRACT
Product Number M474
Lot Number 11J0474011
Storage Temperature Room Temperature
CAS Number 8002-48-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Partially Soluble in Water	Passes
pH (2.00 g/L)	4.9 – 5.9	5.03
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	2155-60 Cream w/Yellow Tint
Texture	Fine to Granular Powder	Fine Powder
Solution Appearance Clarity Color	Clear to Hazy Colorless to Slight Yellow Tint	Hazy Off-White
Insolubles	None to Fine	Passes-- Fine

* 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 orchid	Passes
	Paphiopedilum 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.

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: September 2019



Gary Seckinger, Ph.D.



PhytoTechnology Laboratories®

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>



Created on 8 October 2011 CC