

# CERTIFICATE OF ANALYSIS

Product Description YEAST EXTRACT  
Product Number Y892  
Lot Number 10H0892012  
Storage Temperature Room Temperature  
CAS Number 8013-01-2

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.88
Physical Appearance Color*	HC-7 to HC-12, HC-35, HC-39, 2152-30, 2152-40, or 2154-20 to 2154-50	2152-30 Dark Tan
Texture	Granules or Fine Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Slight Yellow Tint
Average Time to Dissolve	Within 2 min	Passes
Insolubles	None	Passes
Total Nitrogen Content	For Information Only	10.8%
Water Content	For Information Only	3.27%

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

## Biological Testing:

Test Concentration: 100 mg/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	Tobacco callus	Passes
	Hosta	Passes

The material described in this certificate is of microbiological origin (yeast fermentation). 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: August 2015



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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