

CERTIFICATE OF ANALYSIS

Product Description YEAST EXTRACT
Product Number Y892
Lot Number 15E0892018
Storage Temperature 2-6 °C
CAS Number 8013-01-2

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	5.1-7.2	6.7
Physical Appearance Color*	HC-7 to HC-12, HC-35, HC-39, 2152-40, or 2154-20 to 2154-50	2154-40 Tan
Texture	Fine Powder or Granules	Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Slight Yellow Tint
Average Time to Dissolve	For Information Only (Approx. 2 mins)	2 mins
Insolubles	None	Passes
Total Nitrogen Content	For Information Only	11.80%
Amino Nitrogen Content	For Information Only	4.84%
Water Content	For Information Only	2.9%

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

Biological Testing:

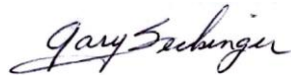
Test Concentration: 100 mg/L

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	Hosta	Passes
	Tobacco Callus	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: May 2020



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