

# CERTIFICATE OF ANALYSIS

Product Description      TRYPTONE  
                                 ENZYMATIC DIGEST OF CASEIN  
Product Number         T832  
Lot Number                10L0832013  
Storage Temperature    Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.99
Physical Appearance Color*	2021-70 to 2026-70, 2146-70 - 2150-70, or 2150-60 to 2154-60	2146-70 Cream
Texture	Fine to Granular Powder or Pellets and Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Colorless
Average Time to Dissolve	Within 2 min	Passes
Insolubles	None	Passes
Total Nitrogen	For Information Only	13.4%
Amino Nitrogen	For Information Only	4.1%

\* 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	Coreopsis	Passes
	Cape Primrose	Passes

The material described in this certificate was manufactured from bovine milk originating in Australia; it was hydrolyzed with an enzyme derived from Porcine that originated in the USA.

**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 Date: October 2018



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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