

# CERTIFICATE OF ANALYSIS

Product Description      TRYPTONE  
                                 ENZYMATIC DIGEST OF CASEIN  
Product Number         T832  
Lot Number                HKY0832027  
Storage Temperature    Room Temperature  
CAS Number               91079-40-2

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	7.1
Physical Appearance	2017-70 to 2026-70, 2018-60 to 2021-60, 2150-60 to 2154-60, 2151-50 to 2155-50, 2145-70 to 2150-70, HC-11, HC-12, PM-1 to PM-4	
Color*	Fine to Granular Powder or Pellets and Powder	2152-60 Cream Fine Powder
Texture		
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless to Amber	Amber
Average Time to Dissolve	For Information Only (Approx. 5 mins)	Passes
Insolubles	None	Passes
Total Nitrogen	For Information Only	12.38%
Amino Nitrogen	For Information Only	5.20%
Loss on Drying	For Information Only	4.08%

\* 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 cultured lines with no morphological aberrations to plants	Achimenes	Passes
	Tobacco Callus	Passes

The material described in this certificate was manufactured in Mexico and is animal-derived. This product is derived from bovine milk of New Zealand origin. It was hydrolyzed with a porcine-derived enzyme of United States origin.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.**

Date of Release: 28-May-2021

Recommended Shelf Life Date: May 2029



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