

CERTIFICATE OF ANALYSIS

Product Description TRYPTONE
 ENZYMATIC DIGEST OF CASEIN
 Product Number T832
 Lot Number 16B0832019
 Storage Temperature Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	7.2
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	2024-70 Pale Yellow
Color*		
Texture	Fine to Granular Powder or Pellets and Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless to Amber	Colorless
Average Time to Dissolve	For Information Only (Approx. 5 mins)	5 mins
Insolubles	None	Passes
Total Nitrogen	For Information Only	4.2%
Amino Nitrogen	For Information Only	13.3%
Loss on Drying	For Information Only	4.4%

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

Biological Testing:

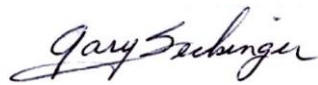
Test Concentration: 2.0 g/L

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	Sugar Cane	Passes
	Tobacco Callus	Passes

The material described in this certificate was manufactured in the United States of America and is animal-derived. This product is derived from bovine milk of United States origin. It was hydrolyzed with an enzyme of United States origin.

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: January 2024



Gary Seckinger, Ph.D.



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