

CERTIFICATE OF ANALYSIS

Product Description TRYPTONE
 ENZYMATIC DIGEST OF CASEIN
Product Number T832
Lot Number SUS0832021
Storage Temperature Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	7.1
Physical Appearance Color* Texture	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 Fine to Granular Powder or Pellets and Powder	HC-12 Beige Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Amber	Clear Amber
Average Time to Dissolve	For Information Only (Approx. 5 mins)	5 min
Insolubles	None	Passes
Total Nitrogen	For Information Only	12.22%
Amino Nitrogen	For Information Only	4.14%
Loss on Drying	For Information Only	4.84%

* 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	Ajuga	Passes
	Cape Primrose	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.

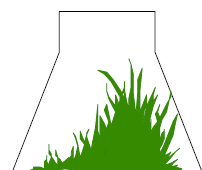
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Date of Release: 18-September-2017

Recommended Shelf Life Date: September -2025



David S. Hart
Technical Director



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Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 Outside the USA & Canada)
Fax: 1-888-449-8682 (1-913-341-5442 Outside the USA & Canada)
Visit our Web Site at <http://www.phytotechlab.com>

