

# CERTIFICATE OF ANALYSIS

Product Description PEPTONE, FROM SOYMEAL  
PAPAINIC; ENZYMATIC DIGEST OF SOYBEAN  
Product Number P721  
Lot Number 09G0721007  
Storage Temperature Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 50 mg/mL	Passes
pH	Under Development	6.81
Physical Appearance		
Color*	2151-40 to 2155-40, 2151-50 to 2155-50, HC-9, HC-12, or HC-31	2154-50 Tan
Texture	Fine Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Slight Yellow Tint	Slight Yellow Tint
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes
Amino Nitrogen	For Information Only	2.1%
Total Nitrogen	For Information Only	9.4%
Loss On Drying	For Information Only	5.0%

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

## Biological Testing:

Test Concentration: 500 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	Cattleya	Passes
	Ascocenda	Passes

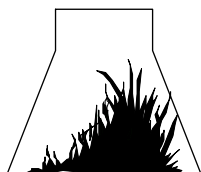
The material described in this certificate is plant-derived. No animal-derived components were used in the manufacture of this product.

**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 Date: July 2017



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### **PhytoTechnology Laboratories®**

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