

CERTIFICATE OF ANALYSIS

Product Description PECTOLYASE Y-23
Product Number P686
Lot Number 11A0686008
Storage Temperature 2-6 °C
CAS Number 9033-35-6

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.78
Physical Appearance		
Color*	2152-50 to 2154-50, 2152-60 to 2154-60, HC-32, or HC-35	2152-60 Beige
Texture	Fine Powder, may form clumps	Fine Powder, forms clumps
Solution Appearance		
Clarity	Clear	Clear
Color	Light Yellow to Orange	Light Yellow w/an Orange Tint
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
Enzyme Activity	Minimum 1,000 units/g	Passes

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

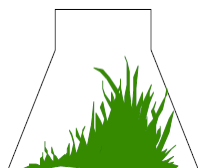
The material described in this certificate is derived from *Aspergillus japonicus*. The medium used to grow the fungus contained no animal-derived material.

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 2016



Gary Seckinger, Ph.D.



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