

Finished Product Certificate Of Analysis			
Break It Down Digestive Enzyme Powder		Item Number:	10150 (1700)
		Total Serving:	30
		Serving Size:	7g
Analytical Review			
Lot#:	B19240002	Manufactured Date:	8/23/2019
Label Version:	1700-L01-19	Expiration Date:	08/2021

Nutritional Information				
Parameter	Specification	Pass/Fail	Method	Reference**
Total Viable Count (Bacillus Subtillis)	Not Less Than 1 billion CFU per serving	Pass	Standard Method/Manufacturers's Method	192952
Calories*	Not More Than 30 per serving	Pass	AOAC or equivalent	19-2844
Total Carbohydrate*	Not Less Than 5.6g per serving	Pass	AOAC or equivalent	19-2844
Total Sugars*	Not More Than 3.6g per serving	Pass	AOAC or equivalent	19-2844
Bacterial Protease*	Not Less Than 48,100 HUT per serving	Pass	USP, FCC or equivalent	192952
Lipase*	Not Less Than 2,960 FIP per serving	Pass	USP, FCC or equivalent	192952
Aspergillopepsin*	Not Less Than 50 SAPU per serving	Pass	USP, FCC or equivalent	192952
Glucosylase*	Not Less Than 5 AGU per serving	Pass	USP, FCC or equivalent	192952
Phytase*	Not Less Than 10 FTU per serving	Pass	USP, FCC or equivalent	192952

Lactase*	Not Less Than 275 ALU per serving	Pass	USP, FCC or equivalent	192952	
Papain*	Not Less Than 150,000 PU per serving	Pass	USP, FCC or equivalent	192952	
Pectinase*	Not Less Than 10 endo-PGU per serving	Pass	USP, FCC or equivalent	192952	
Hemicellulase*	Not Less Than 350 HCU per serving	Pass	USP, FCC or equivalent	192952	
Xylanase*	Not Less Than 50 XU per serving	Pass	USP, FCC or equivalent	192952	
Beta Glucanase*	Not Less Than 3 GBU per serving	Pass	USP, FCC or equivalent	192952	
Heavy Metals					
Parameter	Specification		Pass/Fail	Method	Reference**
	USP	European Commission			
Arsenic	Not More Than 15.0µg per day	N/A	Pass	ICP-MS/USP	19-2844
Lead	Not More Than 5.0µg per day	Not More Than 3 Parts Per Million	Pass	ICP-MS/USP	19-2844
Cadmium	Not More Than 5.0µg per day	Not More Than 1 Parts Per Million	Pass	ICP-MS/USP	19-2844
Mercury	Not More Than 15.0µg per day	Not More Than 0.1 Parts Per Million	Pass	ICP-MS/USP	19-2844
Microbial Limits					
Parameter	Specification		Pass/Fail	Method	Reference**
Total Plate Count	Not More Than 10,000 CFU/g		Pass	AOAC, USP or equivalent	19-2844
Yeast and Mold	Not More Than 1,000 CFU/g		Pass	AOAC, USP or equivalent	19-2844
Total Coliforms	Not More Than 1,000 CFU/g		Pass	AOAC, USP or equivalent	19-2844
E.Coli	Negative in 10g		Pass	AOAC, USP or equivalent	19-2844
Staphylococcus Aureus	Negative in 10g		Pass	AOAC, USP or equivalent	19-2844
Salmonella	Negative in 10g		Pass	AOAC, USP or equivalent	19-2844

Others

Parameter	Specification	Pass/Fail	Method	Reference**
Pesticides Screen*	Per USDA NOP	Pass	USDA NOP/USP <561>	19-1278
Residual Solvent*	Per USP	Pass	USP <467>	19-2844
Gluten Allergen*	Not More Than 20ppm	Pass	ELISA or equivalent	192952
Crustacean Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	192952
Egg Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	192952
Fish Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	192952
Milk Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	192952
Peanut Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	192952
Tree Nut Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	192952
Soy Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	192952

Remarks:

* Analysis performed on an annual basis.

**All analyses performed by CA State certified and/or ISO accredited third-party laboratories.

Lot Status	Released <input checked="" type="checkbox"/>
	Rejected <input type="checkbox"/>

Quality Dept Approval *Roy Lung*

Date 04/14/2020