

Finished Product Certificate Of Analysis			
Break It Down Digestive Enzyme Powder		Item Number:	10150 (1700)
		Total Serving:	30
		Serving Size:	7g
Analytical Review			
Lot#:	B20248001	Manufactured Date:	9/4/2020
Label Version:	1700-L01-19	Expiration Date:	9/2022

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	204151-2
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	P7111670
Lead	Not More Than 5.0µg per day	Not More Than 3 Parts Per Million	Pass	ICP-MS/USP	P7111670
Cadmium	Not More Than 5.0µg per day	Not More Than 1 Parts Per Million	Pass	ICP-MS/USP	P7111670
Mercury	Not More Than 15.0µg per day	Not More Than 0.1 Parts Per Million	Pass	ICP-MS/USP	P7111670
Microbial Limits					
Parameter	Specification		Pass/Fail	Method	Reference**
Total Plate Count	Not More Than 10,000 CFU/g		Pass	AOAC, USP or equivalent	P7111670
Yeast and Mold	Not More Than 1,000 CFU/g		Pass	AOAC, USP or equivalent	P7111670
Total Coliforms	Not More Than 1,000 CFU/g		Pass	AOAC, USP or equivalent	P7111670
E.Coli	Negative in 10g		Pass	AOAC, USP or equivalent	P7111670
Staphylococcus Aureus	Negative in 10g		Pass	AOAC, USP or equivalent	P7111670
Salmonella	Negative in 10g		Pass	AOAC, USP or equivalent	P7111670

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 11/16/2020