

Finished Product Certificate Of Analysis			
Break It Down Digestive Enzyme Powder		Item Number:	10150 (1700)
		Total Serving:	30
		Serving Size:	7g
Analytical Review			
Lot#:	B22249001-1	Manufactured Date:	9/6/2022
Label Version:	1700-L01-21	Expiration Date:	09/2024

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	214399
Calories*	Not More Than 30 per serving	Pass	AOAC or equivalent	P7116706
Total Carbohydrate*	Not Less Than 5.6g per serving	Pass	AOAC or equivalent	P7116706
Total Sugars*	Not More Than 3.6g per serving	Pass	AOAC or equivalent	P7116706
Bacterial Protease*	Not Less Than 48,100 HUT per serving	Pass	USP, FCC or equivalent	214399
Lipase*	Not Less Than 2,960 FIP per serving	Pass	USP, FCC or equivalent	214399
Aspergillopepsin*	Not Less Than 50 SAPU per serving	Pass	USP, FCC or equivalent	214399
Glucosylase*	Not Less Than 5 AGU per serving	Pass	USP, FCC or equivalent	214399
Phytase*	Not Less Than 10 FTU per serving	Pass	USP, FCC or equivalent	214399

Lactase*	Not Less Than 275 ALU per serving	Pass	USP, FCC or equivalent	214399	
Papain*	Not Less Than 150,000 PU per serving	Pass	USP, FCC or equivalent	214399	
Pectinase*	Not Less Than 10 endo-PGU per serving	Pass	USP, FCC or equivalent	214399	
Hemicellulase*	Not Less Than 350 HCU per serving	Pass	USP, FCC or equivalent	214399	
Xylanase*	Not Less Than 50 XU per serving	Pass	USP, FCC or equivalent	214399	
Beta Glucanase*	Not Less Than 3 GBU per serving	Pass	USP, FCC or equivalent	214399	
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	P7139510
Lead	Not More Than 5.0µg per day	Not More Than 3 Parts Per Million	Pass	ICP-MS/USP	P7139510
Cadmium	Not More Than 5.0µg per day	Not More Than 1 Parts Per Million	Pass	ICP-MS/USP	P7139510
Mercury	Not More Than 15.0µg per day	Not More Than 0.1 Parts Per Million	Pass	ICP-MS/USP	P7139510
Microbial Limits					
Parameter	Specification		Pass/Fail	Method	Reference**
Total Plate Count	Not More Than 100,000 CFU/g		Pass	AOAC, USP or equivalent	P7139510
Yeast and Mold	Not More Than 1,000 CFU/g		Pass	AOAC, USP or equivalent	P7139510
Total Coliforms	Not More Than 1,000 CFU/g		Pass	AOAC, USP or equivalent	P7139510
E.Coli	Negative in 10g		Pass	AOAC, USP or equivalent	P7139510
Staphylococcus Aureus	Negative in 10g		Pass	AOAC, USP or equivalent	P7139510
Salmonella	Negative in 10g		Pass	AOAC, USP or equivalent	P7139510

Others

Parameter	Specification	Pass/Fail	Method	Reference**
Pesticides Screen*	Per USDA NOP	Pass	USDA NOP/USP <561>	P7116706
Residual Solvent*	Per USP	Pass	USP <467>	P7116706
Gluten Allergen*	Not More Than 20ppm	Pass	ELISA or equivalent	P7116706
Crustacean Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7116706
Egg Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7116706
Fish Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7116706
Milk Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7116706
Peanut Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7116706
Tree Nut Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7116706
Soy Allergen*	Not More Than 5ppm	Pass	ELISA or equivalent	P7116706

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 12/2/2022