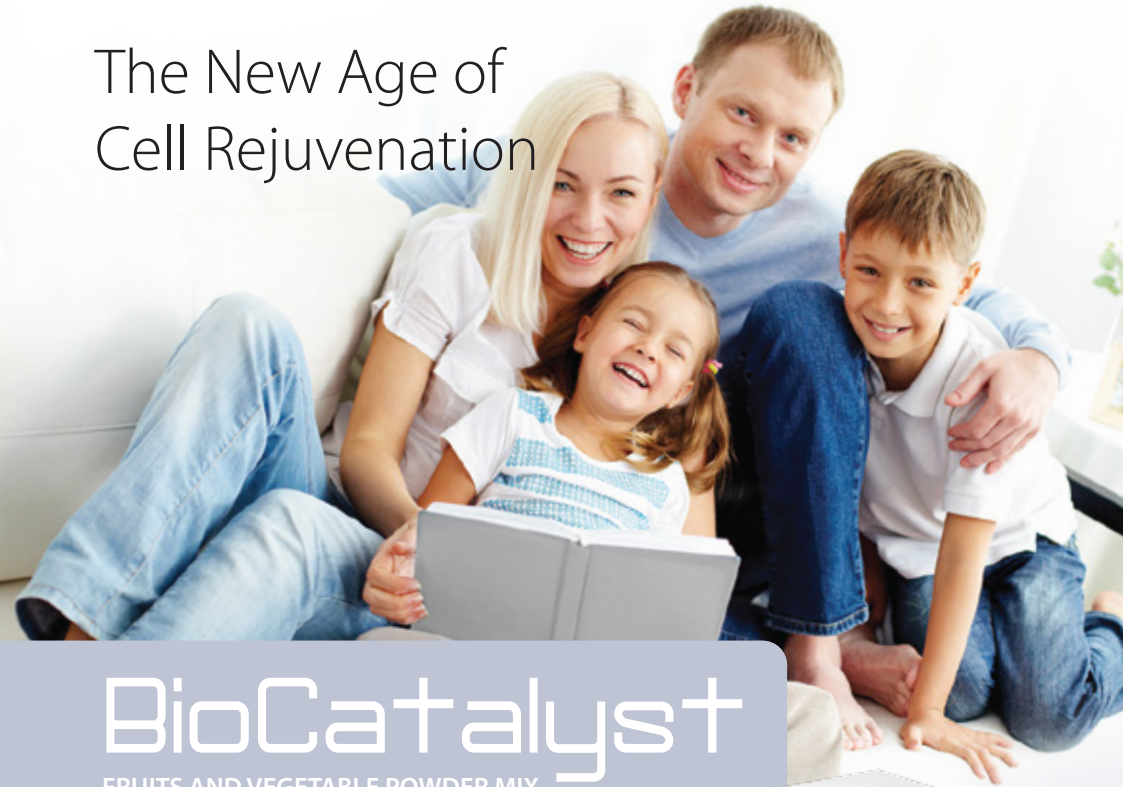


therabio

The New Age of Cell Rejuvenation



BioCatalyst

FRUITS AND VEGETABLE POWDER MIX

Advanced Formula
Digestive Enzyme & Peptide Blend

Joint Research by The USA & Japan
(unique patented enzyme formulation)



Bio-Catalyst is a precious joint research outcome from the USA and Japan. It is an advanced enzyme blend formula with a unique combination of powerful digestive enzymes and high quality long period fermented protein peptides from vegetable. As such, currently Bio-Catalyst is the first product in the market with this formulation.

The 1st product in the market

with Advanced Formula Digestive Enzyme & Peptide Blend:

**Powerful
digestive enzymes**



Enhancing nutrient absorption

**High quality long period
fermented protein
peptides from vegetable**

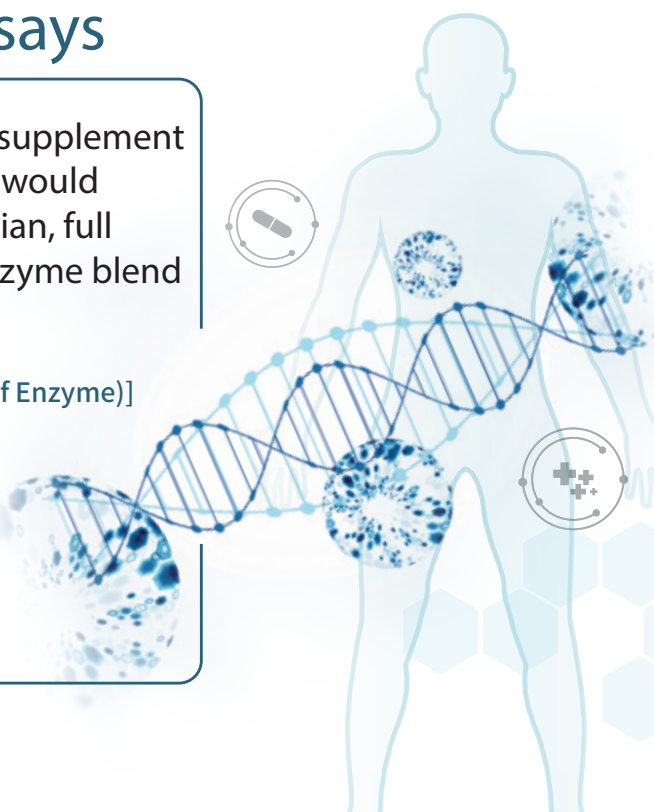
Fast breakdown of food molecules



What expert says

"If there was only one supplement I could recommend, it would definitely be a vegetarian, full spectrum digestive enzyme blend with most meals."

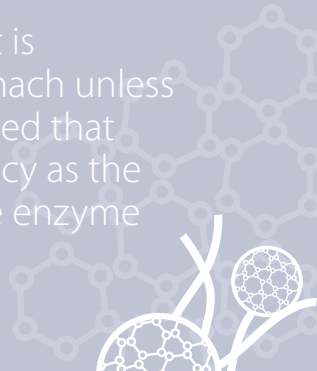
[Dr. Ellen Cutler (Empress of Enzyme)]





What are Enzymes?

- Complex proteins which act as energy catalysts to enable biochemical reactions in our body work **-sustain life**
- Play major role in food digestion and nutrients delivery to our body cells
- Keep our immune systems strong against diseases
- Enable our body inner healing system functions optimally by cleansing the internal environment of our body
- The enzyme products in the current market contain either solely protein peptides without powerful digestive enzymes (liquid enzyme products), or solely digestive enzymes without long period fermented protein-peptides (powder enzyme products).
- In the case of animal-derived enzymes, it is destroyed by the low pH within the stomach unless they are enterically coated. Studies showed that enteric coated enzyme reduced its efficacy as the coating may not dissolve and release the enzyme to aid digestion on time.



The uniqueness of BioCatalyst:

Human digestive tract Average pH

6.5 to 7.5

1.5

5.5

5.5

6.5

6.2 to 7.5



designed to work throughout the digestive tract in a broad range of pH (3.0-9.0) and temperature



Facilitate the fast breakdown of large molecules of protein, carbohydrate, alcohol and fat



Function before a sufficient amount of stomach acid secretion to neutralize the activity



Promotes complete absorption of nutrients



Reduces the burden of digestive system and reserves the body's resources and energy



Eliminates toxins from the body



Cultivate and manufacture under a stringent environment and quality control to be free of contaminants

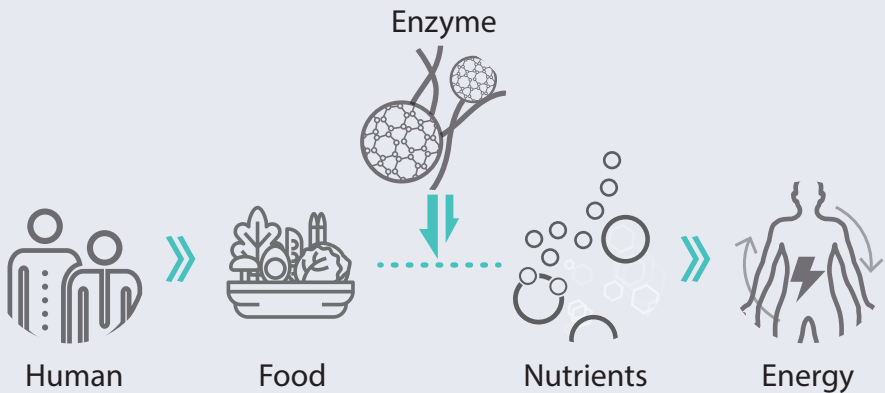


Plant-based

The function of BioCatalyst

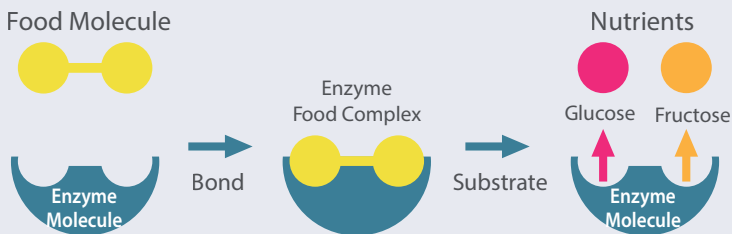
Advance Enzyme Blend

Role in food digestion, promote nutrients absorption and to ensure nutrients delivery to our body cells.



Activity of powerful digestive enzymes

Digestive enzyme with high activity level accelerates the natural digestion process





Benefits of BioCatalyst

- ✓ Promote healthy digestion of dairy foods (Lactose intolerance)
- ✓ Promote healthy digestion of large protein meals
- ✓ Promote nutrients absorption and assimilation
- ✓ Promote anti-aging
- ✓ Celiac disease and food sensitivities
- ✓ Pancreatic enzyme insufficiency
- ✓ Digestive aid for geriatrics
- ✓ Helps regulate the gut motility
- ✓ Helps reduce bloating problem
- ✓ Helps reduce acidity
- ✓ Helps stimulate appetite
- ✓ Weight management
- ✓ Helps accelerates the natural digestion process

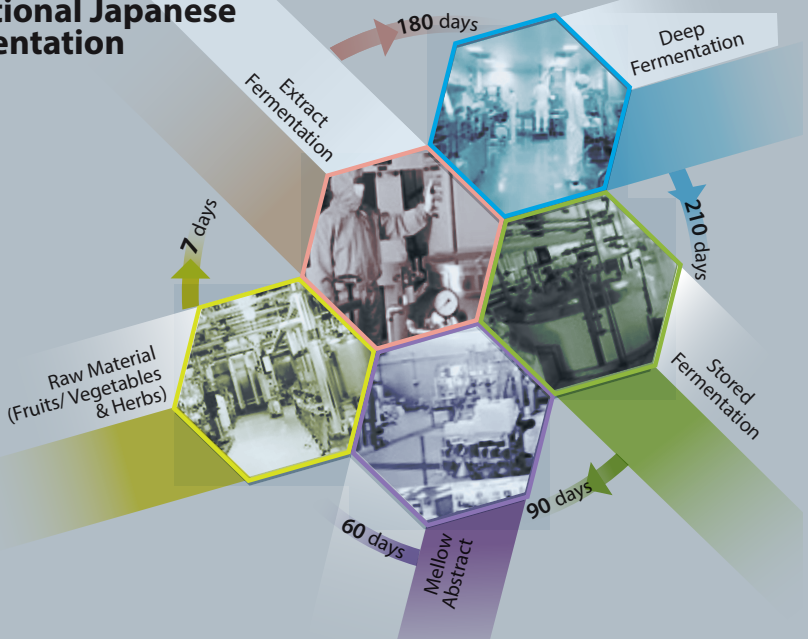


The importance of Compositions and Activity Levels of Enzyme Supplement

What are the Compositions and Activity Levels of Bio-Catalyst Enzyme Supplement?

- Enzyme can be measured by weight and activity level. If the label indicates only the weight in milligrams (mg), it gives no indication of the enzyme's activity.
- The therapeutic value of enzymes is directly dependent upon its activity. Activity is usually indicated in "units", and currently, the only recognized units of activity for enzymes are those listed in the Food Chemical Codex (DU, HUT, FIP, ALU, AGU, CU, HCU etc) which sets forth standards to ensure the quality and safety of food chemicals.
- The ideal digestive enzyme formula should contain a broad spectrum of enzymes so it can help digest every nutrient component of your food. Bio-Catalyst is definitely your ideal choice of broad spectrum formula with high potency as indicated on the label.
- Besides the powerful digestive enzymes (various proteases, amylases and lipase), each sachet of Bio-Catalyst contains protein peptides, which is a result of at least 6 months fermentation of various vegetable as indicated on the ingredient list on the box.

Traditional Japanese Fermentation



Compositions and Activity Levels

of Bio-Catalyst Enzyme Supplement

(Enzyme Content in every sachets of Bio-Catalyst)

Enzyme name	Activity/ Potency Unit	Food Chemical Codex (International)
Bromelain 鳳梨酶	300000	FCCPU
Papain 木瓜酶	500000	FCCPU
Protease 6.0 蛋白酶6.0	8000	HUT
Protease 蛋白酶	25000	HUT
Lipase 脂肪酶	1200	FIP
Amylase 澱粉酶	11000	DU
Lactase 乳糖酶	1600	ALU
Hemicellulase 半纖維素酶	800	HCU
Cellulase 纖維素酶	200	CU
Alpha galactosidase 半乳糖苷酶	200	GLU
Phytase 植酸酶	15	FTU
Invertase 轉化酶	360	SU
Glucoamylase 糖化酶	15	AGU
Protein Peptide 蛋白肽	150	MG

Why Do We Need Enzyme Supplements?

- Modern life of well-cooked diet and lack of greens in the diet are lack of enzymes (almost nil)
- Balanced enzymes are needed EVERYDAY
- Lack of particular enzyme would create particular health problem
- Humans have the capacity to store external food enzymes to ensure the body's ability to metabolize the needed nutrients
- Enzyme therapy facilitates good digestion and a healthy inflammatory response thus helping to correct nutritional deficiencies and other systemic imbalances



How to Consume

■ For digestion improvement

1 sachet before, during, or after meals.

Consume directly or mix with room temperature water (100ml)

■ For systemic therapy

Take between meals or on empty stomach.

(* Precaution: Do not take enzymes with empty stomach if you have stomach ulcer.)

Remarks:

Taken between meals, Bio-Catalyst are more readily absorbed and assist various systems in fighting inflammations, as well as acute and chronic diseases.

Reminder

- ▶ It is also important to take enzymes with sufficient water. This is because water is required to activate the "water-craving" hydrolytic enzymes. The moisture in your mouth may not be sufficient.
- ▶ All enzymes are very sensitive to temperature and humidity. To preserve the superior quality of the enzymes, it is strongly advised to place Bio-Catalyst in cool and dry place.

Ingredients:

Kale, sesame, cabbage, seaweed, ginger, green pea, radish, tomato, carrot, sweet potato, spinach, perilla, bean sprout, lettuce, beet broccoli, pepper, parsley, pumpkin, papaya, pineapple, fermented plant peptide.

Fruits and vegetable are naturally rich in phyto-nutrients and enzymes which function like a building materials so that our bodies could then utilize these nutrients to produce energy, to build and repair tissues.

Ingredients from USA

(Unique patented enzyme formulation by Plantbio)

Nutrition Facts/Fakta Pemakanan

Per Serving/Setiap hidangan: 2.2g

Servings per Box/Pinggian setiap Kotak: 30

	Per Serving/ Setiap hidangan	Per 100g/ Setiap 100g
Energy (kcal)	7.6	346
Carbohydrate (g)	1.8	82
Protein (g)	0.2	10
Fat (g)	0	0

Net Weight : 66g (30sachets X 2.2g)



Another Premium Product from



PLANTBIO RESEARCH SDN. BHD. (232599-X)

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DISCLAIMER:

The information presented in this leaflet is intended for educational purposes only. It is not intended as a substitution for the treatment, cure, diagnosis or mitigation of a disease or condition. People with specific conditions / known medical conditions / under specific medications, should consult medical professionals before taking any food supplement.

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