

Habio 禾本

National High-tech Enterprise
Professional Global Supplier of Enzymes

Natural Enzyme, Harmonious Ecology, Mutual Benefits

Habio Phytase

Replace DCP, Reduce emission, Save cost



Thermostable Phytase
10000 FTU



Habio Feed Grade Thermostable Phytase 10,000U

Product Introduction

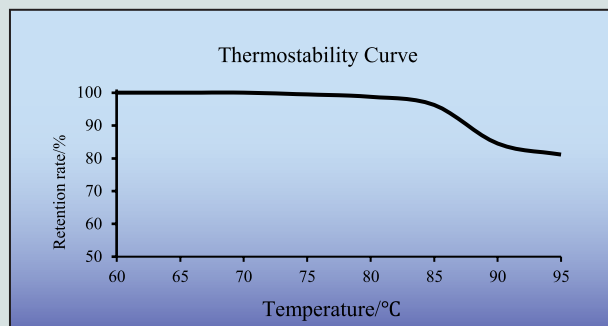
Phytic acid (IP6) is a compound made by combining phosphate and inositol. One inositol molecule can combine up to 6 phosphate. Phytate phosphorus in raw materials occupies 60% - 80% of the total phosphorus. a) phytic acid prevents the digestion and absorption of phosphorus by livestock and poultry, reducing the nutritional value of the feed and causing a bad impact on growing performance, and the undigested phosphorus is excreted b) phytic acid is negatively charged and chelates metal ions under neutral pH conditions, thus causing a lack of trace elements in livestock and poultry. c) under acidic conditions (stomach and small intestine foregut), proteins are positively charged and will form insoluble phytate- amino acid chelates with phytic acid, inhibiting the activity of pepsin and trypsin and binding to amino acids, starch and fat to reduce their nutritional properties.

Phytase is an enzyme specially designed to degrade phytic acid and phytate in feed ingredients whose main functions are described as follows:

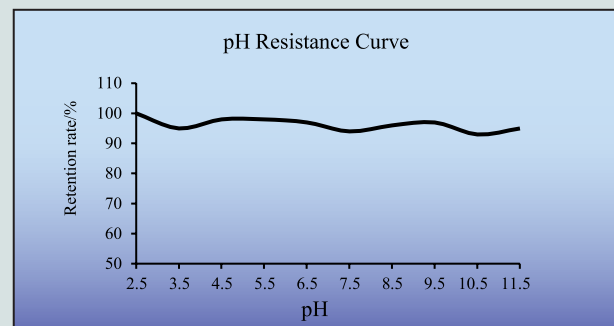
- a) Release calcium and phosphorus in feed ingredients, improve the utilization rate of calcium and phosphorus, and reduce the use of calcium hydrogen phosphate, therefore saving costs;
- b) Decrease the emission of calcium, phosphorus, and mineral elements and reduce environmental pollution;
- c) Decompose phytate which binds to protein and digestive enzymes to improve the digestibility of amino acids;
- d) Improve production performance effectively.

Product Characteristics

- ◆ Good temperature resistance, and good adaptation to granulation requirements



- ◆ Strong pH tolerance and suitable for animal gastrointestinal tract



Package and Storage

Solid: 25 kg/plastic woven bag.

Store enzyme in sealed condition below 25° for 12 months.

Avoid to be exposed to sun, rain, high temperature and high humidity.

Marketed By:

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