

Sienzyme P

Sienzyme P is a well-balanced and stable phytase with a beneficial effect on phytic acid within the feed.

The product is a concentrated multi-purpose additive, specially formulated to improve overall digestibility of the non-available phosphorus and indigestible fiber fraction of feedstuffs (for monogastric). The combination of different exogenous enzymes delivers nutritionists a complete tool to better cope with the non-digestible fractions inside the animal's gut and supplies extra metabolizable energy. These biocatalysts simply boost total feed efficiency and nutrient availability, far above the endogenous capabilities of the monogastric animal itself.

Generally, phosphorus and inositol in phytate form are not bioavailable to non-ruminant animals because these animals lack the enzyme phytase required to hydrolyze the inositol-phosphate linkages.

In most commercial agriculture, non-ruminant livestock, such as Poultry, swine fish are fed mainly grains, such as maize, legumes, and soybeans. Because phytate from these grains and beans is unavailable for absorption, the unabsorbed phytate passes through the gastrointestinal tract, elevating the amount of phosphorus in the manure and increasing the feed formulation cost.

Sienzyme P is free-flowing micro-granular powder for easy dosing and uniform mixing and can be easily incorporated into the premix or final feed. It complements with the limited amount of the animal's own digestive Phytase enzymes, to reach a more complete digestion. The enzyme is well-coated, pH-stable, and heat resistant.

BIOACTIVE ENZYMES

- 6-Phytase- EC 3.1.3.26

SPECIFICATIONS

- Solubility: not soluble in water
- pH: neutral
- Moisture K.F.: < 10%
- Granulometry: min. 98% < 0.8 mm



SUPPLEMENTATION GUIDELINE

Dosage recommendations for
Sienzyme P: 0.1-0.2 kg/MT
of compound feed.

PACKAGING

Sienzyme P is packed in 20 or 25 kg net
multi-layer paper bags with strong,
impermeable inner lining against
moisture and oxidation.

STORAGE CONDITIONS

Please keep in tightly closed original bag, and
store in a dark and dry place at room
temperature. Sienzyme Pro is a stable product
under above conditions for a period of 12
months from manufacturing date. After this
period, quality should be checked before
actual use. Possible variation in color is not
correlated with the intrinsic activity and thus
performance.

WITHDRAWAL PERIOD

Not applicable.

MSDS

Available on request.

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