

EUROZYME PHYTASE

E.coli strain

Granulated

Thermo-Stable

Optimizes Feed Nutrition



EUROZYME PHYTASE 5,000 FTU
EUROZYME PHYTASE 10,000 FTU

Eurozyme Phytase and Phytic Acid

Eurozyme Phytase catalyzes the hydrolysis of phytic acid. Phytic acid or phytate is an indigestible, organic form of phosphorous that is found in grains such as corn, wheat, soybean and oil seeds.

Phytic acid is a reactive anion, it forms a wide variety of insoluble salts with minerals such as phosphorous, calcium, zinc, magnesium and copper. It is also known to form complexes with protein and proteolytic enzymes (pepsin and trypsin). Because of the lack of endogenous phytase: phosphorous, calcium, protein and other phytic acid bound nutrients are less available for poultry and pigs. **Eurozyme Phytase liberates all these bound nutrients by hydrolyzing the phytic acid in the diet of the animals.**

Specifications	Eurozyme Phytase 5000	Eurozyme Phytase 10000
Strain	E. coli	E. coli
Activity	5,000 FTU per gram	10,000 FTU per gram
Color/Form	light yellow/granular	light yellow/granular
Dosage	Broilers, Pigs (100 grams per ton) Layers (80 grams per ton)	Broilers, Pigs (50 grams per ton) Layers (40 grams per ton)
Packaging	25 kg kraft bag	25 kg kraft bag
Shelf Life	12 months in a cool and dry condition	12 months in a cool and dry condition
Caution	Avoid direct sunlight and high temperature	Avoid direct sunlight and high temperature

Note: You can add 3-5% to the dosages as a safety factor.

Standard Matrix Values

Nutrient	Layers		Broilers		Pigs	
	Value	Amount provided in the diet	Value	Amount provided in the diet	Value	Amount provided in the diet
ME (Mcal/kg)	1100	0.044	1100	0.055	186	0.0093
Crude Protein, %	4600	0.184	4600	0.230	4000	0.200
Available Phosphorous, %	4100	0.164	2100	0.105	2000	0.100
Calcium, %	3340	0.1336	2000	0.100	2000	0.100
Lysine, %	240	0.0096	160	0.008	160	0.008
Methionine %	30	0.0016	30	0.002	60	0.003
Cystine, %	60	0.0024	60	0.003	70	0.0035
Threonine, %	260	0.0104	240	0.012	240	0.012
Tryptophan, %	60	0.0024	60	0.003	60	0.003
Isoleucine, %	240	0.0096	210	0.0105	100	0.005
Arginine, %	200	0.008	220	0.011	240	0.012
Valine, %	280	0.0112	200	0.010	200	0.010

Manufactured by Bestzyme a subsidiary of:

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