

Five Acid Peptide User Manual

HEFEI FISUGARPEPTIDE BIOTECH CO., LTD

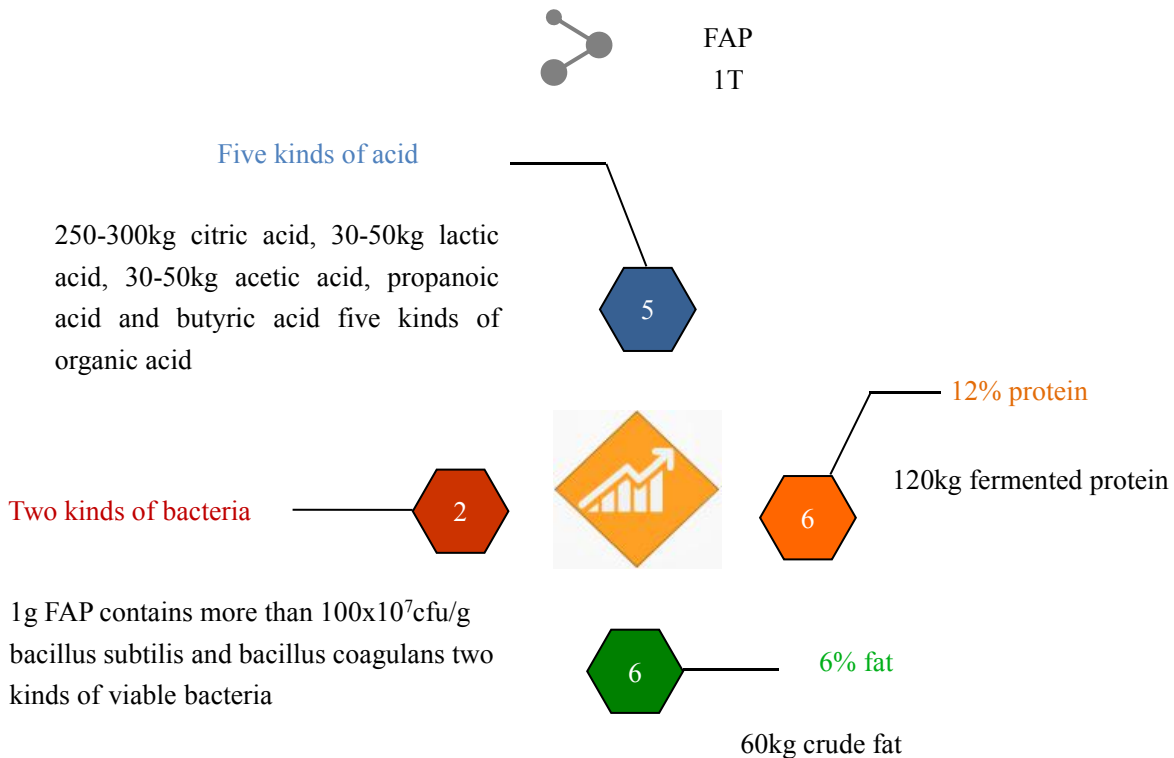
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High-acid fermented feed rich in organic acids and probiotics ---Five Acid Peptide

Enzymatic hydrolysis fermented feed must be “Tastable Acid, Effective Acid”. FAP (short for Five Acid Peptide) is acidified enzymatic hydrolysis fermented feed using corn, broken rice, soybean meal, soybean oil, fish meal/whey powder, utilizing self-breeding ultra-high sugar-resistant, acid-resistant, permeation-resistant, acid-producing strains, adopting national invention patent advanced technology.

- ✓ Rich in Citric Acid, Lactic Acid, Acetic Acid, Propanoic Acid, Butyric Acid, Probiotics, active small peptide (including antibacterial peptide), high sweet Oligose, Yeast Protein, Biological Enzyme, Vitamin, Organic Acid Calcium, Leaven fragrant & sweet element and the unnamed growth factor.
- ✓ Organic acid combined with probiotics and enzymatic hydrolysis fermented feed, perfectly realize the mutual improvement among them.
- ✓ Eight functions: liking drinking, anti-diarrhea, heavy-milking, growing fast, treating enterovirus syndrome, producing more eggs, resisting stress and purify intestines and water.
- ✓ In short, the main nutritional ingredients of "FAP" are as following:



Characteristic Effect

Functional Compound, mutual effect, production performance improving

High-acid enzymatic hydrolysis fermented feed on functional compound of probiotics, high sweet oligose, mutual improvement, acidification of animals' gastrointestinal tract, restraining harmful bacteria, good effect of antibacteria and prevention and treatment of diarrhea, can replace antibiotics, ADG of livestock, poultry, fish and

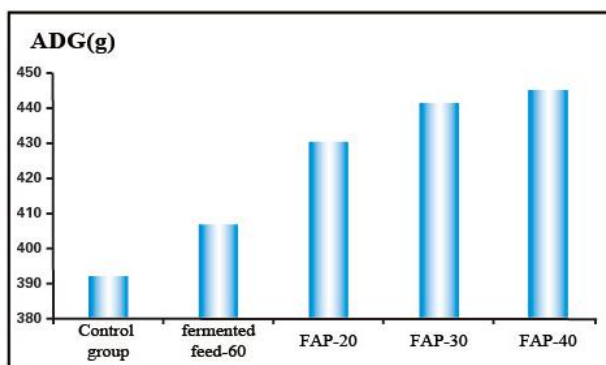
shrimp increased by more than 7.0%, meat ratio and bait coefficient reduced by more than 5%, egg-laying rate increased by more than 6%, piglets diarrhea rate decreasing above 80%, poultry enterovirus syndrome cure rate up to 90% or more, fish and shrimp cure rate of a serious illness of "belly" up to 85% or more.

Acid smells delicious, feed intake increasing

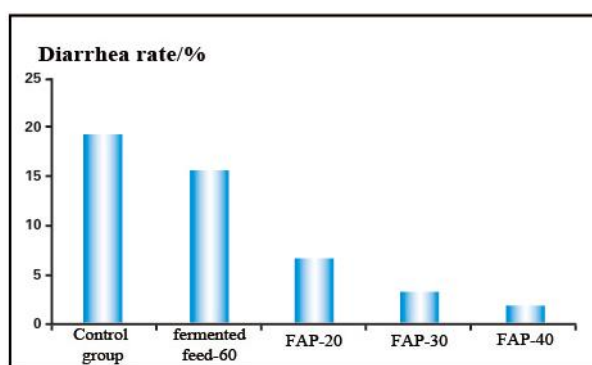
Five feedstuffs rich in active small peptide, high sweet obligose, abundant organic acid and emulsified fat, acid smells delicious, aromatic character and agreeable taste, good feeding attraction, feed intake increased up to 8%.

Etching coated, most enter the intestine, good effect of curing intestinal and purifying water

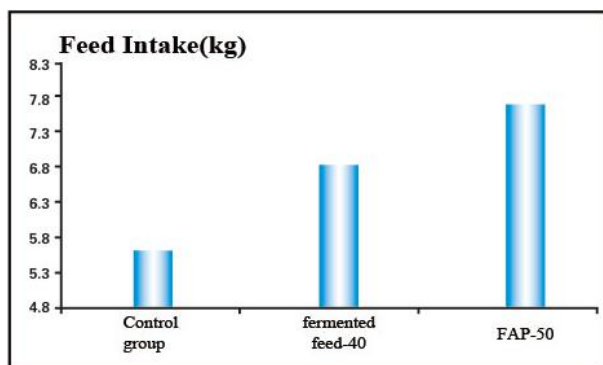
Organic acid etching and infiltrating during the process of enzymolysis and fermentation, natural coated, no stimulation and damage to the oral cavity, esophagus and gastrointestinal mucosa, sustained equilibrium releasing, most can enter the back of the intestine, care intestinal tract of livestock, poultry, fish and shrimp, purify water quality, degradation of ammonia and nitrogen and toxins of heavy metal, degradation of poison from excess residual bait and feces, protect the beneficial algae and bacteria.



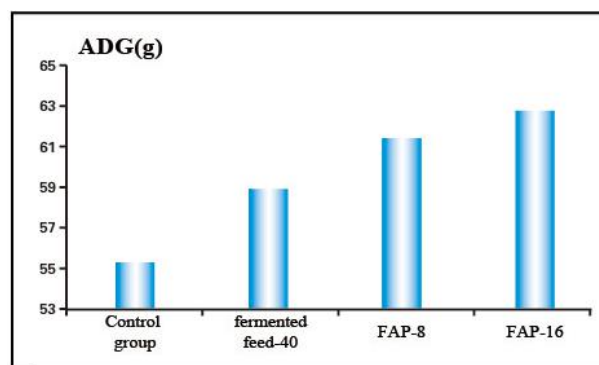
Form 1 The effects of FAP on ADG of piglet



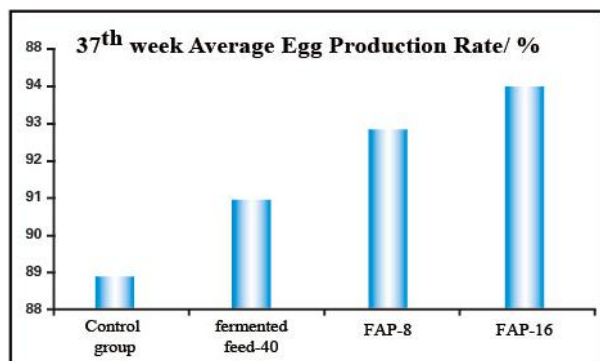
Form 2 The effects of FAP on Diarrhea rate of piglet



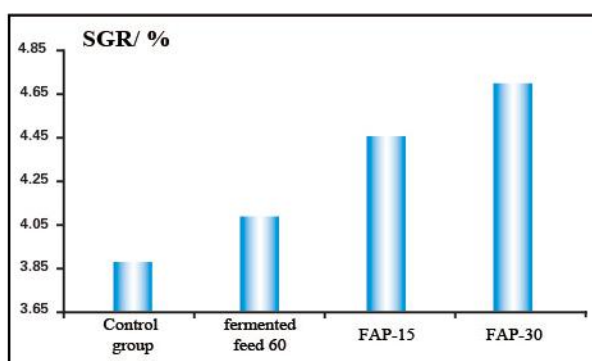
Form 3 The effects of FAP on ADFI of milking sow



Form 4 The effects of FAP on ADG of broilers



Form 5 The effects of FAP on 37th week AEPR of laying hen



Form 6 The effects of FAP on SGR of Tilapia

Nutritional ingredients

Form 7 Main nutritional ingredients of FAP

Item	Index	Item	Index	Item	Index
Moisture/%	≤10.0	Acetic acid/%	≥2.0	Soluble carbohydrate/%	≥1.50
Crude protein/%	≥12.0	Propanoic acid/%	≥1.0	Lysine/%	≥0.21
Small peptides and dissociated Amino acids/%	≥0.50	Butyric acid/%	≥1.0	Methionine/%	≥0.15
Crude fat/%	≥3.0	Crude fiber/%	≤8.0	Threonine/%	≥0.19
Total acid (in the case of lactic acid)/%	≥50.0	Crude ash/%	≤12.0	Tryptophan/%	≥0.06
Citric acid/%	≥25.0	Calcium/%	≤3.0	Total probiotics cfu/g	≥10×10 ⁷
Lactic acid/%	≥3.0	Total phosphorus/%	≤3.0	Small molecular nutrition content/%	≥40.0

Physicochemical property

- ✓ Smell and taste test: smells good, taste sweet, most of the nutrients are melt in your mouth, sweet and sour, it has the taste of sweet potato and fermentation.
- ✓ Solubility test: More than 40% of the nutrients can be dissolved into water, nutritious are soluble organic acid, rich in active small peptide, probiotics and high sweet oligose.

Usage

Use for the preparation of feed for anthony pig, coservation piglet, milking sow, calf & lamb, meat & egg-laying poultry and aquatic animals.

Recommended Dosage:

- ✓ Anthony pig creep feed: 15-30 kg/ton;
- ✓ Piglet conservation feed: 10-20 kg/ton;
- ✓ Milking sow feed: 5-10 kg/ton;
- ✓ Calf & lamb feed: 10-20 kg/ton;
- ✓ Meat & egg-laying poultry feed: 5-10 kg/ton;
- ✓ Aquatic animal feed: 10-20 kg/ton

Product Storage:

Keep away from light in a cool, dry place

Do not pile up over three layers to prevent caking after squeezing

Packing Specifications:

25kg or 40 kg/bag

Product Shelf life:

12-18 months



<http://en.fisugarspeptide.com>



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