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# CYB

Chengyuan Biotech Co., Ltd.

Better micropellets technology for better feed additive



## 产品手册

Product Manuals



Scan access

[www.micropellets-tech.com](http://www.micropellets-tech.com)

# COMPANY PROFILE

<http://www.micropellets-tech.com>

Started in 2006 from a R&D team of human drug control release technique.

Factory for, feed additives, food additive, pharmaceutical pellets, cosmetic pellets.

Close cooperate with Zhejiang University, Harbin Medical University, China Pharmaceutical University, Shanghai Institute of Pharmaceutical Industry and other Universities and research institutes to ensure the recent developments in technology renew.

Our Slogan: Integrity and pragmatic、 professional and efficient、 unity and innovation、 excellence and exceed

Our spirit: There is nothing best but better.

**Vision:** To be the leader of pellet, sustained and controlled release technology for efficient and more utilization of encapsulated active nutrients

**Position:** The solution designer for unstable, volatile and irritating as well as poor smell substances

**Target:** Create values through innovation, share value through cooperation

**Advantage:** Professional team for micro-pellets development and service.  
All-round coating process, and perfect micro control preparations.

**Culture:** Professional and efficient, honest, pragmatic, hi-tech and sustainable innovation, the pursuit of excellence

**Mission:** Quality first, Health oriented, honest & faithful, and customer focus

**Philosophy:** There is nothing best but better

**“Chengyuan” Definition:** Cooperation based on good faith, and acquaintance based on fate

**“LOGO” Definition:**

- 1): Green, Health, and care for life
- 2): With keen eyes insight into market changes, provide customers with market fluctuations information in advance, to create greater value for customers
- 3): “Phoenix fell onto” means Good Luck, dance as a Phoenix, it shows the spirit of enterprise to strive for implying the enterprise to the invincible force of standing in the fierce market competition, as well as a beautiful figurative meaning of phoenixes, a symbol of corporate success.



# CERTIFICATE

# Product list



- 1.Organic acids
- 2.Essential Oils
- 3.Promoters&Antistress
- 4.Rumen protected nutrients
- 5. CYB Poultry Health
- 6. CYB Aquatic Health
- 7.Organic Minerals
- 8. Bile Acid
- 9. Vitamins & Aminoacids
- 10. Customized production



## Organic acids



## Essential Oils

### Organic acids

Sodium Butyrate  
Calcium Butyrate  
Tannic Acid  
Formula acidifier  
Organic acids with essential oils

#### Features

1. Effective coating, no odor or bitterness, sustained-release, reduce dosage and increase effect.
2. High digestion and utilization rate, high palatability, good fluidity, easy mixing and difficult caking

#### Advantages

1. Regulate intestinal health and reduce diarrhea
2. Improve digestion and absorption rate and increase feed conversion ratio (FCR)
3. Enhance immunity against the bacterial and viral pathogens in the body

### Essential Oils

Oregano oil  
Cinnamon oil  
Eucalyptus oil  
Mint oil  
Silybin  
Thymol  
Carvacrol  
Chinese herbal medicine extracts

#### Features

Better slow release, higher efficiency of antimicrobial, antiviral and antiphlogistic activities

#### Advantages

1. Antibacterial, antiviral, regulating intestinal flora and improving intestinal immunity
2. Pleasant aroma, improve palatability and digestion, increase daily weight gain and ultimately better feed conversion ratio
3. Synergistic with organic acids, preventing and treating diarrhea, replace antibiotics, and better feed conversion ratio
4. Antioxidant: Delay oil and vitamins oxidation, reactive oxygen species such as superoxides, and inflammation



## Promoters & Antistress



## Rumen protected nutrients

### Promoters & Antistress

Cysteamine HCL  
Chinese Herbal extract  
GABA  
Guanidineacetic Acid  
Zinc Oxide  
Copper Sulfate

#### Features

Non-hormonal, premise or analog of a substance circulating in the body Safe, efficient, stable, slow-release, and easy to use

#### Advantages

1. Promoting growth by regulating internal circulation
2. To improve animal's assimilation, anti-stress ability and resistance through physiological and biochemical regulation
3. Functional feed additive, directly mixed for use, and improve feed directly mixed for use, and improve feed quality, enhance growth and health, ultimately economic gain
4. Improve meat quality and reducing stench odor

### Rumen protected nutrients

Choline Chloride  
Lysine  
Methionine  
Glucose  
Calcium Chloride  
Niacin (Nicotinamide)  
Urea  
Vitamins (ADE, Vitamin C, B family)  
Sodium Butyrate  
Capsaicin  
Beef and Sheep Growth Promoter Pack

#### Features

Efficient rumen protect ( $\geq 85\%$ )  
Efficient intestinal release ( $\geq 99\%$ )  
Stable effect not influenced by the addition amount of LIPASE and fat powder

#### Advantages

1. Regulate the health of the body and improves the synthesis and utilization of carbon skeleton & protein
2. Prevent and cure perinatal disease of cows, reduce pain and increase profitability
3. Help in balance feed ration, improve yield, protein and fat percentages of milk



## CYB Poultry Health



## CYB Aquatic Health

### CYB Poultry Health

#### Broiler

- 1.Reduce ammonia gas and respiratory diseases in broiler houses
- 2.Reduce bacterial and viral diarrhea
- 3.Enhance anti-stress ability and immunity
- 4.Enhance the muscles quality such as flavor
- 5.Reduce yellow fat meat

#### Layer

- Reduce ammonia gas in layer chicken houses
- Reduce salpingitis
- Reduce fecal adhesion
- Increase the thickness and weight of the egg shell
- Extending the lifespan of laying hens
- Reduce pica and mites

### CYB Aquatic Health

#### Applicable to

Fish, shrimp, crab, turtle, sea cucumber, etc

#### Features

- 1.Increase survival rate
- 2.Reduce feed coefficient
- 3.Increase the ability to feed and digest, as well as adapt to extreme weather
- 4.Enhance the immunity against various protozoa and viruses (currently effective against vibrio, sporozoites, ichthyophthirius and ciliates)



## Organic Minerals



## Bile Acid

### Organic Minerals

Organic Iron  
Organic Manganese  
Organic Zinc  
Organic Copper  
Organic Mineral premix for poultry  
Organic Mineral premix for ruminant  
Organic Mineral premix swine

#### Features

The product is prepared by chelating vegetable protein small molecular peptide and inorganic trace elements, has stable, good water solubility, high bioavailability, fast absorption, anti-interference, low toxicity and good palatability

#### Advantages

1. Lower cost, smaller dosage, easier to use
2. More efficient, more stable, more effective
3. Smaller pollution, better understanding, faster growth, shorter cycle
4. Enhance immunity, improve meat, egg and milk quality

### Bile Acid

Poultry specific  
Aquaculture specific  
Ruminating specific  
Swine specific

#### Features

The measurement method is clear, the product scenario is more subdivided, and the on-site effect is better

#### Advantages

1. Promote digestion and absorption of lipids, ultimately increase energy, reducing feed cost
2. Promote bile secretion, promote hepatobiliary activity, improve carcass quality, and reduce feed-meat ratio
3. Decompose and remove endotoxins, improve immunity, reduce diarrhea and enteritis and other digestive system diseases
4. Improve the digestion and absorption of fat and fat-soluble vitamins, enhance the survival rate and disease resistance



## Vitamins & Aminoacids

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## Customized production



### Vitamins & Aminoacids

Vitamin A

Vitamin E

Vitamin D3

Vitamin K3

Vitamin C

Vitamin B1

Vitamin B2

Vitamin B6

Inositol

Niacin/Nicotinamide

Calcium pantothenate

Lysine

Methionine

Threonine

### Customized production

High temperature resistance

Taste cover and palatability improve

Anti volatilization and antioxidant

Prevent contact deterioration

Precise release and reduce addition

Rumen protected

Scheme design and contract production