



联正化工
LIANZHENG CHEMICAL

Phytic acid
Pure natural food additives
Preservatives, antioxidants, acidity regulators, nutritional fortifiers
from corn extracts



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- ◆ Our factory - phytic acid, phytate series of deep processing products, annual output of phytic acid 1200MT, Products have been exported to more than ten countries and regions such as East Asia, Europe and America. The annual export volume is over 200 tons, accounting for more than 10% of the total output of the company.



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Factory has obtained food production license, food safety management system certification, quality management system certification and various inspection reports.



Products



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➤ Inositol , Phytic Acid , Sodium Phytate , Phytin , Potassium Phytate, Zinc Phytate

➤ Natural from corn

Inositol

A water-soluble vitamin; one of the B vitamins in which inositol, like choline, is a fatty vitamin with white crystalline powders and weathering crystals. There are 9 stereoisomers. Medical value of the racemate, can promote cell metabolism, promote development, enhance appetite, used in the treatment of hyperlipidemia, cirrhosis of the liver.



Application of Inositol

- **Pharmaceutical industry:** treatment of liver cirrhosis, prevent hair loss, enhance liver function, reduce blood cholesterol content and so on.
- **Cosmetics:** promote cell growth and prevent cell aging
- **Fermented food industry:** culture and promotion of yeast growth
- **Feed additives:** as an animal growth promoter, promote cell growth, improve feed returns



Phytic Acid

Colorless or yellowish viscous liquid, soluble in water, 95% ethanol, acetone, soluble in anhydrous ethanol, methanol, almost insoluble in anhydrous ether, benzene, hexane and chloroform. The water solution is heated and easily hydrolyzed, and the higher the temperature is, the easier it is to change color. There are 12 dissociated hydrogen ions. The solution is acidic.



Application of Phytic Acid

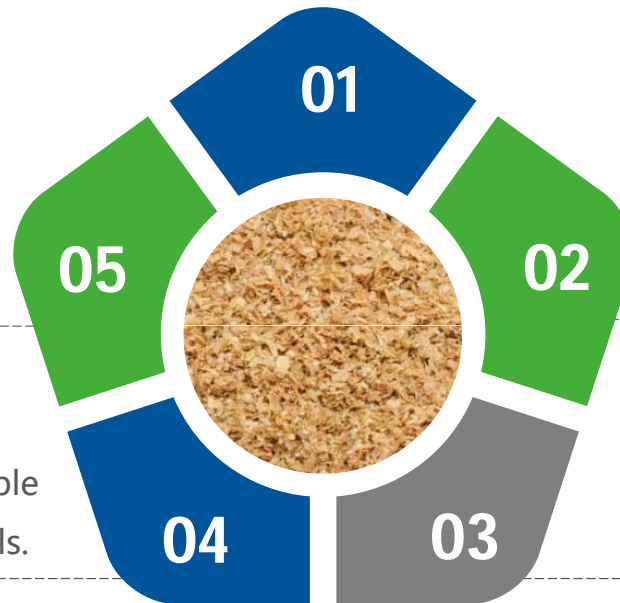


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Phytic acid has good conductivity.

Phytic acid promotes oxygen release from oxyhemoglobin, improves erythrocyte function and prolongs erythrocyte survival

The phytic acid molecule provides six pairs of hydrogen atoms to form a stable structure of the electrons of the radicals.



The hydrolysates of phytic acid in human body are inositol and phospholipid, the former has anti-aging effect, the latter is an important component of human cells .

Phytic acid has strong complexation ability for most metal ions .



Sodium Phytate

- An important natural green additive.
- It is white and hygroscopic and soluble in water.
- The most notable feature is strong chelating action with metal ions, strong antioxidant and color protection.



Phytin

- ◆ White odorless powder, soluble in acids, almost insoluble in water.
- ◆ It has unique physiological and chemical properties, and is a safe, long-lasting, health care drug intermediate
- ◆ With the progress of science and technology, new application technology is constantly developed, and its application scope is constantly expanding.

Advantage



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Facility

- 3000 square meters 100 thousand level GMP workshop
- has the most advanced instant drying sterilization equipment and laboratory testing equipment.



Quality advantage



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Every production line is strictly in accordance with.

SC production license management system, ISO 9001 international quality management system, HACCP international food safety management system for the production process of comprehensive quality management.



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Approved

COSMOS

Trust in organic and natural cosmetics

As ingredient by cosmetics clients



Team advantage

Collaboration leads to miracles!

"All actions around maximizing user value and collaborating with others" is the team goal orientation. We have a value orientation, expertise, complementary and collaborative excellent R&D and sales service team, to ensure that the market service operation, system and efficient collaboration.



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