

Product specifications

Feed Grade Whole Egg Powder

Description

This product is pasteurized and spray-dried whole egg powder. It is graded as “feed grade” quality because it is produced using lower-grade eggs as the raw material, otherwise the product is the same as the food grade whole egg powder. It is produced using the manufacturing process that complies with requirements for food grade products.

Shell eggs are washed, sanitized, dried, broken, content and shell separated by automation, and monitored for impurities. Liquid whole eggs are clarified, filtered, and pasteurized to destroy Salmonella and other bacteria. After pasteurization, the liquid is spray-dried. Since the pasteurization is carried out at a low temperature, nutritional value and all functional properties of shell eggs remain unaffected.

One kg this product is equivalent to approximately 4.4 kg of shell eggs.

This product is manufactured at our modern processing facility located in Hubei, China. We use technologies imported from Italy and France. Our facility is certified with ISO 9001:2008 and HACCP (ISO22000:2005).

Benefits of using egg powder in animal feed

1. High protein and high fat contents, which are easily digestible.
2. Significant amounts of lysozyme, ovotransferrin and IgY, which inhibit bacteria and improve animal's immune system and health.
3. Egg yolk protein (Phosvitin) facilitates absorption of mineral Ca, P and Fe.
4. Yolk lecithin is critical for absorption of fat in aquaculture.
5. Cholesterol is critical for the growth of prawns.
6. Inclusion of egg powder improves palatability of feeds.

Usage

The whole egg powder can be used as an excellent ingredient for manufacturing of all types of animal feed. However, due to cost consideration, the product is often used for the following feeds:

1. Prestarter feed for nursery pigs before and after weaning
2. Supplement for breeder boars
3. Feed for aquaculture, such as prawns
4. Food for pets
5. Fur-producing animals

Physical properties

Colour	Light yellow
Form	Powder
Smell	Typical smell of egg
Impurity	No visible external impurities

Typical analysis

	Standard	Typical value
Moisture (g/100g)	≤5.0	3.5
Crude protein (g/100g)	≥40	42
Fat (chloroform extraction method, g/100g)	≥35	36
Ash (g/100g)	≤6.0	3.4
Free fatty acid (g/100g)	≤2.0	1.0

Safety parameters

Heavy metals	
Lead (Pb) (mg/kg)	≤0.2
Zinc (Zn) (mg/kg)	≤50
Total arsenic (As) (mg/kg)	≤0.05
Total mercury (Hg) (mg/kg)	≤0.05
Microbiological	
Total plate count (cfu/g)	≤10,000
Coliform count (MPN/g)	0
Pathogenic bacteria (Salmonella, Shigella)	Not detected

Packaging

Packed in woven bags with an internal PE lining; Net weight: 20 kg per bag.

Storage and shelf life

Store in a cool and dry place, away from direct sun. Shelf life in the un-opened package is 12 months. Seal the bag after each use.

Certification

Our quality system is certified with ISO 9001:2008 and HACCP (ISO22000:2005).

If you need a different specification (protein or fat content), please contact us.