



DRIED WHEY SOLUBLES

Feed Grade Whey Permeate Code 118

PRODUCT DESCRIPTION

Dried whey solubles is a light colored, non-hygroscopic, free-flowing powder, obtained by spray drying the whey residue after removal of whey protein by ultrafiltration. Meets the definition of IFN 4-01-189 Cattle whey solubles dehydrated.

FUNCTIONALITY

Flowability: Dried whey solubles can be exposed to high moisture conditions without caking or lumping. When added to solutions, it dissolves easily and blends uniformly.
Economy: Use dried whey solubles as a direct replacement for other milk solids in many applications.

STORAGE CONDITIONS

Dry/ambient conditions are recommended. Store less than 50% relative humidity. Do not store under refrigeration.

RE-EVALUATION DATE

Twelve months from date of manufacture.

USAGE

Dried whey solubles is a high-quality source of lactose for swine, cattle, poultry, pet and aquaculture feeds. Usage levels range between 5-25% of the complete diet depending on the age and weight of the animal.

TECHNICAL DATA

Ingredient Listing: Dried Whey Solubles (milk)

| Proximate Analysis | Typical |
|--------------------|------------|
| Protein (Nx6.38)% | 3.5 |
| Lactose % | 80.0-84.0 |
| Fat % | 0.05 |
| Minerals % | 8.0 – 10.0 |
| Moisture % | 5.0 |

Food Energy

| | |
|-----------------------------------|------|
| TDN % | 87.7 |
| Digestible Energy K Cal/100 gm | 400 |
| Metabolizable Energy K Cal/100 gm | 375 |

Mineral Analysis

| Mineral Analysis | Typical |
|--------------------|---------|
| Calcium mg/100g | 912 |
| Iron mg/100g | 1 |
| Magnesium mg/100g | 158 |
| Phosphorus mg/100g | 566 |
| Potassium mg/100g | 2,400 |
| Sodium mg/100g | 853 |

Typical Particle Size

| | |
|--------------|-------|
| Thru USS #20 | 100 % |
|--------------|-------|