

**PRODUCT INFO
& DATASHEET**

INACTIVE DRIED YEAST

400 g/kg min. protein – spray dried

DESCRIPTION

Natural fermentation product made of 100% *Saccharomyces cerevisiae* cells, which are grown in sugar cane molasses, having a significant importance in animal feeding, not only because of its high nutritional value, but also because of its known prophylactic effect.

TYPICAL ANALYSIS

| | | | |
|----------------------------------|---------|------|-------|
| Moisture | g/kg | max. | 80.0 |
| Crude protein | g/kg | min. | 400.0 |
| Ash | g/kg | max. | 80.0 |
| pH | | min. | 4.5 |
| NPN | g/kg | | 83.0 |
| Ethereal Extract | g/kg | | 2.0 |
| Crude Fiber | g/kg | | 35.0 |
| Carbohydrate | g/kg | | |
| Density | g/l | | 500.0 |
| TDN | g/kg | | 780.0 |
| Particle Size | mesh | | 100.0 |
| Gross Energy | kcal/kg | | 4.674 |
| Digestible Energy (swine) | kcal/kg | | 3.574 |
| Metabolizable Energy (poultry) | kcal/kg | | 2.505 |
| Metabolizable Energy (swine) | kcal/kg | | 3.206 |
| Metabolizable Energy (ruminants) | kcal/kg | | - |

AMINO ACIDS

| | | (1) | (2) | (3) |
|---------------|------|------|------|------|
| Alanine | g/kg | 27.3 | 23.3 | 21.3 |
| Arginine | g/kg | 24.2 | 21.9 | 16.9 |
| Asparic Acid | g/kg | 40.9 | 28.0 | 22.5 |
| Glycine | g/kg | 18.5 | 15.6 | 13.7 |
| Isoleucine | g/kg | 22.3 | 19.4 | 7.4 |
| Leucine | g/kg | 30.9 | 27.0 | 11.5 |
| Glutamic Acid | g/kg | 50.2 | 43.9 | n.e. |
| Lysine | g/kg | 35.2 | 30.9 | 24.6 |
| Cystine | g/kg | 2.1 | 1.6 | 1.2 |
| Methionine | g/kg | 6.3 | 5.6 | 3.6 |
| Phenylalanine | g/kg | 21.1 | 18.7 | 9.0 |
| Tyrosine | g/kg | 11.6 | 10.6 | 8.6 |
| Threonine | g/kg | 21.4 | 18.4 | 10.6 |
| Tryptophan | g/kg | 4.4 | n.e. | n.e. |
| Proline | g/kg | 17.4 | n.e. | 11.8 |
| Valine | g/kg | 21.1 | 17.8 | 5.7 |
| Histidine | g/kg | 7.8 | 7.1 | 4.2 |
| Serine | g/kg | 26.5 | 23.0 | 17.0 |

(1) Total Amino Acids

(2) Digestible Amino Acids in swine

(3) Digestible Amino Acids in poultry
n.e. – not evaluated

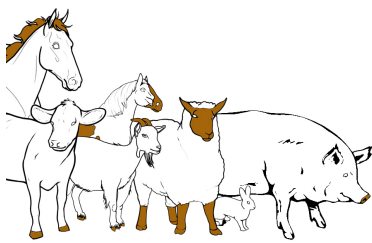
VITAMINS (TYPICAL)

| | | | |
|------------------|------|-------|----------|
| Thiamine | (B1) | mg/kg | 8.50 |
| Riboflavin | (B2) | mg/kg | 28.44 |
| Niacin | (B3) | mg/kg | 65.32 |
| Pantothenic Acid | (B5) | mg/kg | 79.60 |
| Pyridoxine | (B6) | mg/kg | 13.36 |
| Choline | (B7) | mg/kg | 1,205.42 |

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| | | | |
|------------|-------|-------|-------|
| Biotin | (B8) | mg/kg | 2.12 |
| Folic Acid | (B9) | mg/kg | 0.19 |
| Cobalamin | (B12) | mg/kg | 0.003 |

MINERALS (TYPICAL)

| | | |
|------------|-------|-------|
| Calcium | g/kg | 1.7 |
| Phosphorus | g/kg | 5.6 |
| Potassium | g/kg | 1.0 |
| Magnesium | g/kg | 2.2 |
| Sulfur | g/kg | 2.8 |
| Chlorine | g/kg | 0.0 |
| Sodium | g/kg | 0.3 |
| Zinc | mg/kg | 31.32 |
| Selenium | mg/kg | 0.02 |
| Copper | mg/kg | 4.42 |
| Iron | mg/kg | 98.10 |
| Manganese | mg/kg | 21.92 |
| Cobalt | mg/kg | 0.0 |
| Lead | mg/kg | 0.0 |
| Chromium | mg/kg | 1.31 |
| Arsenic | mg/kg | 0.0 |

MICROBIOLOGICAL ANALYSIS

| | | |
|-------------------|-------|-------------|
| Total Plate Count | CFU/g | max. 15,000 |
| Total Coliforms | MPN/g | max. 10 |
| Fecal Coliforms | MPN/g | absent |
| E. coli | /1g | absent |
| Yeast | CFU/g | max. 100 |
| Mold | CFU/g | max. 100 |
| Salmonella | /25g | absent |

PHYSICAL ANALYSIS

Color : thin and light brown powder
Presentation : pleasant

PACKING

25 kg multiwalled paper bags polyethylene liner

STORAGE

Store in a cool and dry place, free from insects

SHELF LIFE

24 months from production date

QUALITY CERTIFICATION

GMO free