



## OptiPhos<sup>®</sup> 2000

### Technical Data Sheet

- Purpose:** OptiPhos<sup>®</sup> 2000, a phytase, will increase the digestibility of phytic-bound phosphorus in poultry and swine rations. OptiPhos<sup>®</sup> will allow the producers to reduce the amount of inorganic phosphorus in the diet, in addition to significantly reducing phosphorus levels in manure.
- Guaranteed Analysis:** Phytase activity (*Pichia pastoris*).....2,000 U/g\*  
\*One unit of phytase (FTU) from *Pichia pastoris* is equal to the amount of enzyme catalyzing the release of 1.0 micromole/minute of phosphorus from an excess of sodium phytate substrate at pH 5.5 and 37°C (98.6°F).
- Appearance/Characteristics:** A granular product that is white in color and has a bulk density of 42 lbs/cubic feet.
- Shelf Life/ Storage:** Unopened product: Store in a dry place at room temperature 22°C (72°F); use within 12 months from the date of manufacture. Refer to container for lot number and manufacturing date.  
Opened product: Use container within a short period of time.
- Status:** OptiPhos<sup>®</sup> 2000 is approved by the FDA for use in swine & poultry feeds.
- Packaging:** 20 kg (44.1 lb) polyethylene lined multi-layer paper bags.
- Directions:** **RECOMMENDED MIXING DIRECTIONS**  
Mix into complete diets at the following rates (ton = 2000 lbs):
- | Species | Grams/ton | Lb./ton   | FTU/ton of Feed |
|---------|-----------|-----------|-----------------|
| Layer   | 136-226   | 0.30-0.50 | 272,000-452,000 |
| Broiler | 114-453   | 0.25-1.00 | 228,000-906,000 |
| Turkey  | 114-453   | 0.25-1.00 | 228,000-906,000 |
| Swine   | 182-453   | 0.40-1.00 | 364,000-906,000 |