

Product Data Sheet



- Description:** Celmanax® Liquid is produced by an enzyme digestion of yeast, specially preparing its components for dietary use. A selected strain of *Saccharomyces cerevisiae* grown in a specific media is also blended into Celmanax Liquid making this product an excellent nutrient source.
- Purpose:** Celmanax Liquid is designed to be used in liquid feed, milk and milk replacer applications, and poultry drinking water applications to derive the same benefits of dry yeast preparations, and can be used to replace live yeast or yeast culture.
- Analysis:** See product label. For complete analysis contact manufacturer. pH 3.8 to 4.2
- Appearance:** Green, slightly viscous liquid.
- Storage Conditions:** Store (bulk) in a clean tank at a temperature less than 140°F. Preferred storage conditions are 26°F to 140°F. Protect from prolonged freezing conditions. Store containers under same conditions. Can be used if frozen and completely thawed.
- Best Used by Date:** Two years from date of manufacture.
- Precautions:** G.R.A.S. Use only as directed. Wear protective eyewear. Avoid inhalation.
- Packaging:** 2.5 gallon, 55 gallon drum, 250 gallon IBC tote or bulk tank truck.
- Directions:** See product label.



905 South Carolina Ave. • P.O. Box 1483 • Mason City, IA 50402
Toll-Free: 800.654.5617 • Phone: 641.423.1460 • Fax: 641.423.0832
Email: vi-cor@vi-cor.com • www.vi-cor.com • www.milktothemax.com
Made in U.S.A.

PDCL1/12/10

Typical Analysis

| Nutrients | As Is Basis |
|--------------------|--------------------|
| Moisture | 80.00% |
| Dry Matter | 20.00% |
| Crude Protein | 6.50% |
| Crude Fat | 1.60% |
| Crude Fiber | 0.35% |
| Ash | 2.50% |
| Minerals | |
| Calcium | 0.051% |
| Copper | 3.3 ppm |
| Iron | 30 ppm |
| Magnesium | 0.042% |
| Manganese | 4 ppm |
| Phosphorous | 0.035% |
| Potassium | 0.293% |
| Sodium | 25 ppm |
| Sulfur | 0.103% |
| Zinc | 7 ppm |
| Amino Acids | |
| Alanine | 0.46% |
| Arginine | 0.17% |
| Aspartic Acid | 0.69% |
| Glutamic Acid | 0.80% |
| Cystine | 0.12% |
| Glycine | 0.27% |
| Histidine | 0.15% |
| Isoleucine | 0.24% |
| Leucine | 0.48% |
| Lysine | 0.41% |
| Phenylalanine | 0.27% |
| Proline | 0.29% |
| Serine | 0.27% |
| Threonine | 0.27% |
| Tryptophan | 0.08% |
| Tyrosine | 0.23% |
| Valine | 0.34% |
| Bulk Density | 9.10 lbs./gal. |

All of the above analyses are typical and are not to be construed as exact specifications.

For Further Feed Manufacturing Purposes

Guaranteed Analysis

| | | |
|---------------|---------------|--------|
| Crude Protein | not less than | 6.00% |
| Crude Fat | not less than | 1.00% |
| Crude Fiber | not more than | 2.50% |
| Moisture | not more than | 82.00% |

Ingredients

Yeast culture, yeast extract, hydrolyzed yeast, acetic acid (preservative), xanthan gum (stabilizer), and FD&C Blue #1.

Feeding Directions

Dairy:

| | |
|------------------|---------------------------------|
| Calves | 4-8 grams (3.6-7.3 ml)/head/day |
| Lactation | 14 grams (12.5 ml)/head/day |
| Dairy Cow Drench | 1-2 ounce/dose as required |

Beef:

| | |
|---------|---------------------------------|
| Calves | 4-8 grams (3.6-7.3 ml)/head/day |
| Growers | 10 grams (9 ml)/head/day |

Poultry:

100 to 500 PPM (10-50 ml per 100 liters of water)