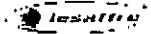


LESAFFRE YEAST CORPORATION



RED STAR[®] ACTIVE DRY FEED YEAST (ADY-20) - 50#

PRODUCT CODE 45254

TECHNICAL DATA SHEET

REGULATORY:

All materials shall be of edible grade, clean, sound, wholesome and free from extraneous matter. Product shall be prepared following Good Manufacturing Practices and shall comply with the Federal Food, Drug, and Cosmetic Act of 1938, as amended and with regulations issued pursuant to this act.

INGREDIENT STATEMENT:

Saccharomyces cerevisiae

PRODUCT DESCRIPTION:

Red Star[®] Active Dry Feed Yeast is undiluted, consisting of 100% dried yeast cells and has an approximate live cell count of 10 to 15 billion cells per gram (three to eight trillion cells per pound).

SUGGESTED USES:

Red Star[®] Active Dry Feed Yeast is widely used as a protein and vitamin supplement in animal feeds. When ADY-20 is added to feed as an ingredient, the resulting fermentation will improve the palatability, digestion and assimilation of your entire feed ration.

PACKAGING:

Packed in 50 pound poly-lined paper bags, code (45254).

MICROBIOLOGICAL STANDARDS:

<u>Characteristic</u>	<u>Specification</u>	<u>Reference Method</u>
Salmonella sp Live Cell Count	Negative/375 grams 10-15 billion per gram	BAM CH 6 RS FN 14



TYPICAL ANALYSIS:

<u>Characteristic</u>	<u>Specification</u>
Extraneous Matter	Negative
Protein	≥ 38% minimum (db)
Phosphate (AS P ₂ O ₅)	1.6% ± 0.3% (db)
Moisture	4.8% - 8.5%
Ash	≤ 5.0%
Fiber	8.0%
Fat (Solvent Extracted)	<6.0%
Color	Tan
Thiamine (B ¹)	50 mcg/g
Riboflavin (B ²)	40 mcg/g
Niacin	390 mcg/g
Pantothenic Acid	125 mcg/g
Choline	3000 mcg/g

STORAGE:

Generally, Red Star ADY-20 does not require refrigeration. However, storage without refrigeration is satisfactory for one to two months in cool (75°F. {24°C.}) dry atmospheres. Even though it is a dry product, it is actually alive and is best stored under refrigeration (50° F.) in a closed container. Warm temperatures and dampness accelerate the deterioration of the yeast cells. Bags need to be tightly sealed once they have been opened, so that moisture and oxygen degradation can be held to a minimum.

CODE DATING: Julian-type code dating.

KOSHER STATUS: Certified Kosher except for Passover. Organized Kashruth Laboratories.

The information herein is true and accurate to the best of our knowledge, however, this data sheet is not to be considered as a guarantee expressed or implied, or as a condition of sale of this product

INGREDIENT INFORMATION
NUTRIENT CONTENTS

Product Name: Red Star® Active Dry Feed Yeast (ADY- 20) – 50#
(Product Code): 45254
Company: Lesaffre Yeast Corporation
Address: 433 E. Michigan Street, Milwaukee, WI 53201
Phone: (414) 615-4085 Fax: (414) 615-4003
Contact Person: Robert E. Biwersi- Director, Quality Assurance

Typical Analysis

Information provided on a per 100g 'as is' basis.

- | | |
|---|---|
| <input type="checkbox"/> Calories: <u>385 Kilo Calories (365-405)</u> | <input type="checkbox"/> Fat: <u>5.5 (4.6 - 6.4)</u> g |
| <input type="checkbox"/> Moisture: <u>7.8% (7.3 - 8.3)</u> g | • Saturated: <u>1.3 (1.1 - 1.5)</u> g |
| <input type="checkbox"/> Protein: <u>38.8 (36.2 - 41.4)</u> g | • Unsaturated: <u>3.8 (2.7 - 4.9)</u> g |
| <input type="checkbox"/> Ash: <u>4.5 (4.4 - 4.6)</u> g | • Monounsaturated: <u>3.0 (2.5-3.5)</u> g |
| <input type="checkbox"/> Carbohydrates: <u>45.3 (41.1-49.6)</u> g | • Polyunsaturated: <u>< 0.03</u> g |
| • Complex: <u>45.3 (41.1-49.6)</u> g | <input type="checkbox"/> Cholesterol: <u>< 0.1</u> mg |
| • Sugars: <u>< 0.1</u> g | <input type="checkbox"/> Dietary Fiber: <u>14.7 (13.8 - 15.6)</u> g |
| <input type="checkbox"/> Vitamin A: <u>< 100</u> µg RE | • Soluble: <u>3.4 (3.2 - 3.6)</u> g |
| <input type="checkbox"/> Vitamin C: <u>< 1</u> mg | • Insoluble: <u>11.3 (10.6 - 12)</u> g |
| <input type="checkbox"/> Thiamin: <u>14.9 (1.8 - 28)</u> mg | <input type="checkbox"/> Iron: <u>4.7 (4.1 - 5.3)</u> mg |
| <input type="checkbox"/> Niacin: <u>27.5 (19-36)</u> mg NE | <input type="checkbox"/> Calcium: <u>78.2 (73.6 - 82.8)</u> mg |
| <input type="checkbox"/> Riboflavin: <u>22.6 (3.3-42)</u> mg | <input type="checkbox"/> Sodium: <u>19.3 (17.5 - 21.1)</u> mg |
| | <input type="checkbox"/> Potassium: <u>1656 (1564 - 1748)</u> mg |
| | <input type="checkbox"/> Phosphorus: <u>1800 (1500 - 2100)</u> mg |

g= gram, mg= milligram, µg = microgram, RE = Retinol Equivalent, NE = Niacin Equivalent and IU= International Units.

Ingredient Statement: Saccharomyces cerevisiac