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|---|--|--------------|------------------|
|  | 150 Larkin Williams Industrial Ct. • Fenton, MO 63026 800.22.SUGAR • www.ifpc.com • info@ifpc.com | | |
| | Product Specification | | |
| | Dairy House® Vitamin A 1:10 wd new | | |
| | Issue 20 | Item #500279 | October 22, 2021 |

Product Description

Vitamin A 1:10 wd is a light yellow liquid for use in fortified beverages and foods.

Label Color

Red

Product Analysis

| | Specification (CoA) |
|------------------------|---|
| Physical | |
| Appearance | Light Yellow Liquid |
| Chemical | |
| Vitamin A Content | 20,000 – 24,000 IU/mL 6,000 – 7,200 mcg/mL |
| Microbiological | |
| Plate Count | ≤ 5,000 cfu/g |
| Coliform | ≤ 100 cfu/g |
| <i>E. coli</i> | None Detected* |
| Yeast & Mold | ≤ 100 cfu/g |
| Salmonella | Negative @ 375g |

**May be reported as <1 cfu/g, <10 cfu/g, or <3 MPN/g, this is the same as None Detected.
The result depends on the limit of detection for the methodology used and the dilution required for testing.*

Specific Gravity

Average Specific Gravity of Vitamin A 1:10 wd is 1.039.

Ingredient Statement

Water, Propylene Glycol Preservative, Polysorbate 80, Vitamin A Palmitate.

Manufacturing


Vitamin A 1:10 wd is manufactured in accordance with the United States Food and Drug Administration's Good Manufacturing Practices.

Kosher Status

Vitamin A 1:10 wd is Kosher Pareve.

Halal Status

Vitamin A 1:10 wd is Halal certified.

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Natural Status

IFPC does not make any natural claims for Vitamin A 1:10 wd.

Bioengineered (BE) Status

Vitamin A 1:10 wd contains the following*:


- Ingredients that are not produced from a food on the List of Bioengineered Foods and
- Ingredients sourced from bioengineered oilseed crops but the ingredients do not contain detectable modified genetic material.

*IFPC has received, from each supplier of an ingredient, documents representing that the ingredient is not on the List of Bioengineered Food, is chemical or synthetic in nature, or does not contain detectable modified genetic material. While we have no reason to doubt our suppliers' representations, IFPC has not independently verified those representations. This product is made in a facility that also manufactures products containing BE material.

Nutritional Profile per 100g

| | |
|--------------------------|------------|
| Calories (kcal) | 189.49 |
| Fat (g) | 4.17 |
| Saturated Fat (g) | 0.67 |
| Mono Fat (g) | 3.39 |
| Poly Fat (g) | 0.07 |
| Trans Fatty Acid (g) | 0.03 |
| Cholesterol (mg) | 0 |
| Carbohydrates (g) | 37.97 |
| Dietary Fiber (2016) (g) | 0 |
| Total Sugars (g) | 0.00 |
| Added Sugar (g) | 0 |
| Protein (g) | 0.00 |
| Vitamin D - mcg (mcg) | 0 |
| Vitamin A - RAE (mcg) | 577533.93 |
| Vitamin C (mg) | 0 |
| Vitamin D - IU (IU) | 0 |
| Vitamin A - IU (IU) | 1925113.10 |
| Sodium (mg) | 2.48 |
| Calcium (mg) | 1.50 |
| Iron (mg) | 0 |
| Potassium (mg) | 0.64 |

Supersedes all previous Product Specification documentation. The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence, or otherwise, is limited to the purchase price of the material.

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Allergens

| Allergen | In Product | On Line | In Facility |
|-------------------------------|------------|----------|-------------|
| Milk | No | No | Yes |
| Egg | No | No | Yes |
| Peanuts | No | No | Yes |
| Tree Nuts | No | No | No |
| Fish | No | No | No |
| Crustacean Shellfish | No | No | No |
| Soy | No | No | Yes |
| Wheat/Gluten | No | No | Yes |
| Sensitizer | In Product | On Line | In Facility |
| Barley, Rye, Triticale/Gluten | No | No | Yes |
| Mollusk Shellfish | No | No | No |
| MSG | No | No | Yes |
| Mustard | No | No | Yes |
| Sesame Seeds | No | No | Yes |
| Sulfites \geq 10 ppm | < 10 ppm | < 10 ppm | Yes |
| Yellow #5 | No | No | Yes |


This allergen information was developed using FARRP (Food Allergy Research & Resource Program) and FDA-FALCPA (Food Allergy Labeling & Consumer Protection Act) Guidelines.

Country of Origin

Vitamin A 1:10 wd is manufactured in the United States from the following materials:

| Component | Country of Origin |
|---------------------|----------------------------|
| Propylene Glycol | United States |
| Polysorbate 80 | Switzerland, United States |
| Vitamin A Palmitate | Switzerland |

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Packaging

Vitamin A 1:10 wd is available in 1 gallon (3785 mL) jugs, 4 jugs per case.

Storage and Shelf Life

The shelf life of Vitamin A 1:10 wd is 180 days from manufacture if stored per the following:

- In unopened containers
- In a cool, dry, dark location
- DO NOT FREEZE OR REFRIGERATE

Suggested Usage

1 mL into 10 quarts of milk will deliver 2000 IU (600 mcg) of Vitamin A Palmitate per quart. Add vitamins before pasteurization.