	150 Larkin Williams Industrial Court • Fenton, Missouri 63026 (636) 343 – 4111 • www.ifpc.com		
	Product Specification		
	Dairy House® Vitamin A 1:50 oil		
	Issue 17	Item #500280	April 20, 2020

### **Product Description**

Vitamin A 1:50 oil is a light yellow, translucent liquid for use in fortified beverages and foods.

### **Label Color**

Purple

### **Product Analysis**

	Specification (CoA)
<b>Physical</b>	
Appearance	Light Yellow Liquid
<b>Chemical</b>	
Vitamin A Content	100,000 – 120,000 IU/mL 30,000 – 36,000 mcg/mL
<b>Microbiological</b>	
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 1:50 oil is 0.967.

### **Ingredient Statement**

Corn Oil, Sorbitan Monooleate, Polysorbate 80, Vitamin A Palmitate.

### **Manufacturing**


Vitamin A 1:50 oil is manufactured in accordance with the United States Food and Drug Administration's Good Manufacturing Practices.

### **Kosher Status**

Vitamin A 1:50 oil is Kosher Pareve.

### **Halal Status**

Vitamin A 1:50 oil is Halal certified.

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### **Natural Status**

IFP does not make any natural claims for Vitamin A 1:50 oil.

### **Bioengineered (BE) Status**

Vitamin A 1:50 oil contains the following\*:


- Ingredients that are not produced from a food on the List of Bioengineered Foods and
- Corn Oil, Sorbitan Monooleate, and Polysorbate 80 sourced from corn that is bioengineered 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)	752.35
Fat (g)	75.94
Saturated Fat (g)	12.82
Trans Fatty Acid (g)	0.14
Cholesterol (mg)	0
Carbohydrates (g)	19.06
Dietary Fiber (2016) (g)	0
Total Sugars (g)	0
Added Sugar (g)	0
Protein (g)	0.01
Mono Fat (g)	36.08
Poly Fat (g)	27.30
Vitamin D - mcg (mcg)	0
Vitamin D - IU (IU)	0
Vitamin A - RAE (mcg)	3724009.90
Vitamin A - IU (IU)	12413366.34
Vitamin C (mg)	0
Sodium (mg)	6.30
Calcium (mg)	0
Iron (mg)	0
Potassium (mg)	0

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 1:50 oil is manufactured in the United States from the following materials:

Component	Country of Origin
Corn Oil	United States
Sorbitan Monooleate	United States
Polysorbate 80	Switzerland, United States
Vitamin A Palmitate	Switzerland

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### **Packaging**

Vitamin A 1:50 oil is available in 1 gallon (3785 mL) jugs, 4 jugs per case.

### **Storage and Shelf Life**

The shelf life of Vitamin A 1:50 oil is 1 year if stored per the following:

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

### **Suggested Usage**

Suggested usage is 1 mL into 50 quarts of milk will deliver 2,000 IU (600 mcg) of Vitamin A Palmitate per quart. Add vitamins before pasteurization.