	150 Larkin Williams Industrial Court • Fenton, Missouri 63026 (636) 343 – 4111 • www.ifpc.com		
	Product Specification		
	Dairy House® Vitamin D ₃ 1:500 wd		
	Issue 19	Item #500130	April 20, 2020

Product Description

Vitamin D₃ 1:500 wd is a light yellow, translucent liquid for use in fortified beverages and foods.

Label Color

White

Product Analysis

	Specification (CoA)
Physical	
Appearance	Light Yellow Liquid
Chemical	
Vitamin D ₃ Content	200,000 IU/mL – 230,000 IU/mL 5,000 mcg/mL – 5,750 mcg/mL
Microbiological	
Plate Count	≤ 5,000 cfu/g
Coliform	≤ 100 cfu/g
<i>E. coli</i>	None Detected*
Salmonella	Negative @ 375g
Yeast & Mold	≤ 100 cfu/g

**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 D₃ 1:500 wd is 1.023.

Ingredient Statement

Water, Propylene Glycol Preservative, Polysorbate 80, Vitamin D₃.

Manufacturing


Vitamin D₃ 1:500 wd is manufactured in accordance with the United States Food and Drug Administration's Good Manufacturing Practices.

Kosher Status

Vitamin D₃ 1:500 wd is Kosher Pareve.

Halal Status

Vitamin D₃ 1:500 wd is Halal certified.

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Natural Status

IFPC does not make any natural claims for Vitamin D₃ 1:500 wd.

Bioengineered (BE) Status

Vitamin D₃ 1:500 wd contains the following*:


- Ingredients that are not produced from a food on the List of Bioengineered Foods and
- Polysorbate 80 sourced from corn that is bioengineered but the ingredient does 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)	115.33
Fat (g)	2.75
Saturated Fat (g)	1.38
Trans Fatty Acid (g)	0.07
Cholesterol (mg)	0.14
Carbohydrates (g)	7.78
Dietary Fiber (2016) (g)	0
Total Sugars (g)	0
Added Sugar (g)	0
Protein (g)	0.13
Mono Fat (g)	2.57
Poly Fat (g)	0.03
Vitamin D - mcg (mcg)	488758.55
Vitamin D - IU (IU)	19550342.13
Vitamin A - RAE (mcg)	2.21
Vitamin A - IU (IU)	7.36
Vitamin C (mg)	0.08
Sodium (mg)	2.21
Calcium (mg)	2.21
Iron (mg)	0
Potassium (mg)	0.74

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 D₃ 1:500 wd is manufactured in the United States from the following materials:

Component	Country of Origin
Propylene Glycol	United States
Polysorbate 80	United States, Switzerland
Vitamin D ₃	France

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Packaging

Vitamin D₃ 1:500 wd is available in 1 gallon (3785 mL) jugs, 4 jugs per case.

Storage and Shelf Life

The shelf life of Vitamin D₃ 1:500 wd is 1 year if stored per the following:

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

Suggested Usage

1 mL into 500 quarts of milk will deliver a minimum of 400 IU (10 mcg) of Vitamin D₃ per quart. Add vitamins before pasteurization.