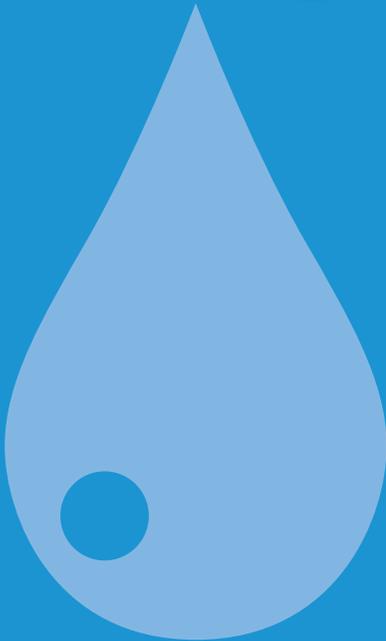


Clear **H<sub>2</sub>O**<sup>®</sup>

# Product Guide

Blending food technology with life science for clearly better products.



Advancing Animal  
Research with More  
Effective and Ethical  
Hydration, Nutrition  
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Delivery Solutions

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ClearH<sub>2</sub>O

ClearH<sub>2</sub>O<sup>®</sup>

HydroGel<sup>™</sup>

98% Sterile Water



clearh2o.com

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# clearH<sub>2</sub>O® Quick Reference Guide

APPLICATION / ANIMAL	PRODUCT DESCRIPTION	UNITS/CASE
HYDRATION	 HydroGel, 2 oz	96 Cups/Case
	 HydroGel, 6 oz	70 Pouches/Case
	 HydroGel, 8 oz	55 Pouches/Case
	 *AquaPak, 13oz	36 Pouches/Case
	 *AquaPak, 1 Gal (3.78 LTR)	4 - 1 Gallon/Case
NUTRITION	 DietGel 76A, 2 oz	96 Cups/Case
	 DietGel 31M, 2 oz	96 Cups/Case
	 DietGel Boost, 2 oz	96 Cups/Case
	 DietGel Criticare, 4 oz	72 Cups/Case
	 DietGel Prenatal, 2 oz	96 Cups/Case
	 DietGel Recovery, 2 oz	96 Cups/Case
	 DietGel Recovery, 6 oz	70 Pouches/Case
	 DietGel Marmoset, 15 oz	32 Pouches/Case
MEDICATION DELIVERY	 MediGel CPF, 2 oz	96 Cups/Case
	 MediGel MLX, 2 oz	96 Cups/Case
	 MediGel FBZ, 4 oz	72 Cups/Case
	 MediGel TMS, 4 oz	72 Cups/Case
	 MediGel Sucralose, 2 oz	96 Cups/Case
	 MediDrop Sucralose, 1 Gal	4 - 1 Gallon/Case
	 *MediDrop FBZ, 1 Gal	4 - 1 Gallon/Case
	 LabGel Banana NSA, 8 oz	55 Pouches/Case
	ENRICHMENT	 FiberBites, 4 gram drop
 VitaBites, 4 gram drop		1135 Drops/Case





HydroGel®



DietGel®



MediGel®



MediDrop®



LabGel®



FiberBites®



VetGel®

PRODUCT NO.	PROCESS LEVEL	SHELF LIFE	STORAGE	PAGE
70-01-5022	Irradiated	24 Months	Room Temperature	6, 7
70-01-1062	Irradiated	24 Months	Room Temperature	6, 7
70-01-1082	Irradiated	24 Months	Room Temperature	6, 7
70-30-5021	Ultra-Pasteurized	18 Months	Room Temperature	8, 9
70-50-5021	Ultra-Pasteurized	18 Months	Room Temperature	8, 9
72-07-5022	Irradiated	18 Months	Room Temperature	10, 11
72-08-5022	Irradiated	18 Months	Room Temperature	12, 13
72-04-5022	Irradiated	18 Months	Room Temperature	14, 15
72-05-5042	Irradiated	18 Months	Room Temperature	16, 17
69-503-02	Irradiated	18 Months	Room Temperature	18, 19
72-06-5022	Irradiated	18 Months	Room Temperature	20, 21
72-01-1062	Irradiated	18 Months	Room Temperature	20, 21
72-09-5022	Ultra-Pasteurized	12 Months	Room Temperature	22, 23
74-05-5022	Irradiated	18 Months	Room Temperature	24, 25
74-06-5022	Irradiated	9 Months	Room Temperature	26, 27
74-01-5042	Irradiated	18 Months	Room Temperature	28, 29
69-531-04	Irradiated	12 Months	Room Temperature	30, 31
74-02-5022	Irradiated	18 Months	Room Temperature	32, 33
75-01-1001	Ultra-Pasteurized	18 Months	Room Temperature	34, 35
75-01-1002	Ultra-Pasteurized	12 Months	Room Temperature	36, 37
71-02-1081	Ultra-Pasteurized	18 Months	Room Temperature	38, 39
73-01-2101	Human Grade	24 Months	Room Temperature	40, 41
73-01-2102	Human Grade	24 Months	Room Temperature	42, 43

\* Special order, minimum quantities apply



# HydroGel®

## Sterile Water Gel

**HydroGel®** is a non-wetting, sterile water gel for animal hydration. 98% pure water. The industry standard for hydration during transportation.

### Delivering Solutions

- Suitable for short or long transit shipping times
- Supplement for compromised, recovering or weaning animals
- Alternative to water bottles and excellent emergency water source
- Useful in transitioning animals to automated watering systems

### Delivering Quality

- Sterile inside and out
- Tyvek® medical packaging
- Gamma irradiated
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



# HydroGel®

## Nutritional Information per 100g

Calories	6.2 kcal
Carbohydrates	1.5 g
Dietary Fiber	1.4 g
Moisture	98 %
Calcium	3.3 mg
Phosphorus	22.4 mg
Potassium	52.5 mg
Sodium	20.5 mg

## Ingredients

Purified Water, Hydrocolloids, Food Acid, Electrolyte Mix.

## Shelf Life

24 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

### HydroGel® - 70-01-5022

2 oz cup (56g)  
96 cups per case  
Barrier packed

### HydroGel® - 70-01-1062

6 oz pouch (170g)  
70 pouches per case  
Barrier packed

### HydroGel® - 70-01-1082

8 oz pouch (226g)  
55 pouches per case  
Barrier packed





# AquaPak<sup>®</sup>

## Purified Water

**AquaPak<sup>®</sup>** is purified, sterile water for laboratory animals.

### Delivering Solutions

- Alternative to water bottles and excellent emergency water source
- Ready to use pouch eliminates expensive equipment and saves labor
- 13 oz pouch provides 2 weeks water supply and fits most cage designs

### Delivering Quality

- Sterile inside and out
- Pouches packed in Tyvek<sup>®</sup> medical packaging
- Gamma irradiated
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration





## AquaPak®

### Nutritional Information per 100g

Water	99.9%
Calcium	.26 mg
Phosphorus	.07mg
Potassium	.05 mg
Sodium	1.24 mg

### Ingredients

Purified Water, Electrolyte Mix.

### Shelf Life

18 month shelf life. Does not require refrigeration or special handling.

\* Special order minimum quantities apply

### Ordering Information

**\* AquaPak® – 70-30-5021**  
13 oz pouch (384g)  
36 pouches per case  
Barrier Packed

**\* AquaPak® - 70-50-5021**  
1 Gallon  
4-1 Gallon per case





# DietGel<sup>®</sup> 76A

## Purified Dietary Supplement

**DietGel<sup>®</sup> 76A** is a nutritionally fortified dietary supplement, combining hydration and nutrition in a single serving. Formulated with purified ingredients, modeled on the AIN 76A maintenance diet formulation. It is flavor enhanced resulting in increased consumption.

### Delivering Solutions

- Increases pup survival rates
- Superior alternative to mash diets
- Designed to retain moisture
- Reduces time and labor
- Reduces potential for contamination
- Recommended for cancer studies, breeder support, pup maintenance, post-op recovery and post irradiation

### Delivering Quality

- Sterile inside and out
- Tyvek<sup>®</sup> medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



HydroGel<sup>®</sup>



DietGel<sup>®</sup>



MediGel<sup>®</sup>



MediDrop<sup>®</sup>



LabGel<sup>®</sup>



FiberBites<sup>®</sup>



VetGel<sup>®</sup>

# DietGel® 76A

## Nutritional Information per 100g

	w/Animal Protein	w/Wheat Protein
Calories	99.8 kcal	101.9 kcal
Protein	4.8 g	4.7 g
Carbohydrates (total)	17.8 g	17.9 g
Sugars (total)	14.7 g	15.1 g
Dietary Fiber	1.5 g	1.1 g
Fat (total)	1.5 g	1.5 g
Saturated Fat	0.1 g	0.1 g
Moisture	72-74 %	72-74 %
Sodium	42.7 mg	40.1 mg
Potassium	280.8 mg	255.7 mg
Calcium	227.7 mg	243.6 mg
Phosphorus	262.0 mg	468.6 mg

## Ingredients

Purified Water, Molasses, Protein (Animal or Wheat), Corn Syrup, AIN Mineral Mix, Food Acids, Hydrocolloids, Vegetable Oil, AIN Vitamin Mix, Corn Fiber.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

**DietGel® 76A**  
**72-07-5022**  
(w/Animal Protein)  
2 oz cup (56g)  
96 cups per case  
Barrier packed

**DietGel® 76A**  
**72-07-5022X**  
(w/Wheat Protein)  
2 oz cup (56g)  
96 cups per case  
Barrier packed





# DietGel® 31M

## Purified Dietary Supplement

**DietGel® 31M** is a nutritionally fortified dietary supplement, combining hydration and nutrition in a single serving. Modeled after the NIH 31 Modified formula and made with purified ingredients, including sunflower seeds. The soft texture is ideal for compromised animals.

### Delivering Solutions

- Combines hydration and balanced nutrition
- Models NIH 31M nutrient profile for long term feeding
- Purified ingredients provide consistent nutrition
- Soft gel promotes consumption by compromised animals, including EAE, aging, neurological, surgical, cancer and immunodeficient models
- Sunflower seeds provide nutrition and enrichment

### Delivering Quality

- Sterile inside and out
- Tyvek® medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



HydroGel®



DietGel®



MediGel®



MediDrop®



LabGel®



FiberBites®



VetGel®

# DietGel® 31M

## Nutritional Information per 100g

Calories	190.9 kcal
Protein	6.4 g
Carbohydrates - total	27.1 g
Sugars	22.1 g
Dietary Fiber	2.0 g
Fat – total	6.3 g
Saturated Fat	0.8 g
Moisture	55-60 %
Calcium	149.3 mg
Potassium	334.2 mg
Sodium	28 mg

## Ingredients

Purified Water, Molasses, Pumpkin, Corn Syrup, Sunflower Seeds, Wheat Protein, Vegetable Oil, Food Acid, Hydrocolloids, Electrolytes, Corn Fiber, NIH-31M Mineral Mix, NIH-31M Vitamin Mix

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

**DietGel® 31M**  
**72-08-5022**

2 oz cup (56g)  
96 cups per case  
Barrier packed





# DietGel<sup>®</sup> Boost

## Purified High Energy Dietary Supplement

**DietGel<sup>®</sup> Boost** is a high-energy nutritional supplement that provides caloric support for weanlings, post surgical, debilitated and aging animals.

### Delivering Solutions

- Increases pup survival rates
- Provides supplemental caloric and nutritional intake
- Great taste promotes consumption
- Provides extra energy to aid in recovery
- Easily digested soft texture, suitable for oral gavage

### Delivering Quality

- Sterile inside and out
- Tyvek<sup>®</sup> medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



HydroGel<sup>®</sup>



DietGel<sup>®</sup>



MediGel<sup>®</sup>



MediDrop<sup>®</sup>



LabGel<sup>®</sup>



FiberBites<sup>®</sup>



VetGel<sup>®</sup>

# DietGel® Boost

## Nutritional Information per 100g

Calories	369 kcal
Calories from Fat	195 kcal
Protein	9.9 g
Carbohydrates - total	37.8 g
Sugars	23.7 g
Dietary Fiber	3.6 g
Fat - total	21.6 g
Saturated Fat	3.0 g
Moisture	25-30 %
Sodium	27.2 mg
Potassium	642.1 mg
Calcium	73.3 mg

## Ingredients

Peanut Butter, Molasses, Corn Syrup, Pumpkin, Vegetable Oil, Sunflower Lecithin, Vitamin Mix, Food Acids, Hydrocolloid, Electrolyte Mix.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling. Product separation is natural, stir well to blend. (Similar to all natural peanut butter.)



## Ordering Information

**DietGel® Boost**  
**72-04-5022**  
2 oz cup (56g)  
96 cups per case  
Barrier packed





# DietGel<sup>®</sup> Criticare

## Dietary Supplement with Timothy Hay

**DietGel<sup>®</sup> Criticare**, formulated with Timothy Hay, is a nutritionally fortified supplement for herbivores that are unwilling to eat their normal diet, due to illness, surgery or malnutrition.

### Delivering Solutions

- Suited for rabbits and guinea pigs
- Flavorful soft gel formulation promotes consumption
- Improves proper gut health and digestion, and aides recovery
- Ready to use - no mixing required

### Delivering Quality

- Sterile inside and out
- Tyvek<sup>®</sup> medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



HydroGel<sup>®</sup>



DietGel<sup>®</sup>



MediGel<sup>®</sup>



MediDrop<sup>®</sup>



LabGel<sup>®</sup>



FiberBites<sup>®</sup>



VetGel<sup>®</sup>

# DietGel® Criticare

## Nutritional Information per 100g

Calories	78.0 kcal
Protein	5.3 g
Carbohydrates - total	18.5 g
Sugars	9.0 g
Dietary Fiber	7.7 g
Fat – total	1.0 g
Saturated Fat	0.1 g
Moisture	70-72 %

## Ingredients

Purified Water, Fruit Juice Concentrates, Vegetable Protein, Cellulose, Pumpkin, Timothy Hay, Hydrocolloids, Mineral Mix, Vitamin Mix, Food Acids, Vegetable Oil.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

### DietGel® Criticare

**72-05-5042**

4 oz cup (112g)

72 cups per case

Barrier packed





# DietGel® Prenatal

## Purified Dietary Supplement

**DietGel® Prenatal** is a high protein supplement, combining hydration and nutrition in a single serving, for lactating and breeding rodents. Formulated with purified ingredients and Omega 3 fatty acids.

### Delivering Solutions

- High calorie supplement for breeding and lactating rodents
- Superior alternative to mash diets
- Excellent source of high quality protein and Omega 3 fatty acids
- Designed to retain moisture
- Reduces time and labor

### Delivering Quality

- Sterile inside and out
- Tyvek® medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



HydroGel®



DietGel®



MediGel®



MediDrop®



LabGel®



FiberBites®



VetGel®

# DietGel® Prenatal

## Nutritional Information per 100g

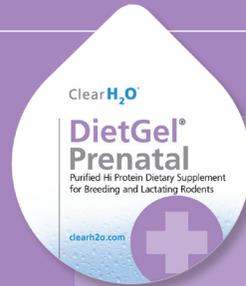
Calories	268.9 kcal
Protein	14.3 g
Carbohydrates (total)	18.2 g
Sugars (total)	15.1 g
Dietary Fiber	2.0 g
Fat (total)	15.2 g
Saturated Fat	3.5 g
Omega 3 Fatty Acids	2.2 g
Moisture	48 %
Sodium	156.0 mg
Potassium	460.1 mg
Calcium	280.6 mg
Phosphorus	332.5 mg
Iron	2.0 mg

## Ingredients

Purified Water, Animal Protein, Molasses, Fish Oil, Sunflower Seeds, Flax Seeds, Food Acids, Sunflower Lecithin, AIN Mineral Mix, Hydrocolloids, AIN Vitamin Mix.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

### DietGel® Prenatal 69-503-02

2 oz cup (56g)  
96 cups per case  
Barrier packed





# DietGel<sup>®</sup> Recovery

## Purified Dietary Supplement

**DietGel<sup>®</sup> Recovery** is a nutritionally fortified water gel that aids in the recovery of post surgical, weak or impaired rodents. Proven to increase survival rates in compromised animals. Formulated with purified ingredients that provide 70% water, calories and electrolytes.

### Delivering Solutions

- Increases pup survival rates
- Increases post-surgical survival rate
- Soft gel formulation promotes consumption
- Designed to retain moisture
- Reduces time and labor
- Aids in overall health during long-term shipping

### Delivering Quality

- Sterile inside and out
- Tyvek<sup>®</sup> medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



HydroGel<sup>®</sup>



DietGel<sup>®</sup>



MediGel<sup>®</sup>



MediDrop<sup>®</sup>



LabGel<sup>®</sup>



FiberBites<sup>®</sup>



VetGel<sup>®</sup>

# DietGel® Recovery

## Nutritional Information per 100g

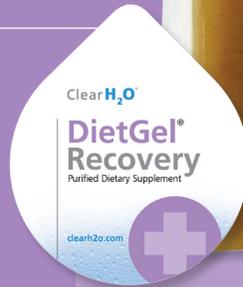
Calories	120 kcal
Protein	0.6 g
Carbohydrates (total)	25.2 g
Sugars	23.0 g
Dietary Fiber	0.8 g
Fat (total)	1.9 g
Saturated Fat	0.2 g
Moisture	70-75 %
Calcium	6 mg
Chloride	105.2 mg
Potassium	101.3 mg
Sodium	51.8 mg

## Ingredients

Purified Water, Corn Syrup, Vegetable Oil, Hydrocolloids, Wheat Protein, Electrolyte Mix, Food Acid, Mineral Mix.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

### DietGel® Recovery 72-06-5022

2 oz cup (56g)  
96 cups per case  
Barrier packed

### DietGel® Recovery 72-01-1062

6 oz pouch (170g)  
70 pouches per case  
Barrier packed





# DietGel<sup>®</sup> Marmoset

## Purified Dietary Supplement

**DietGel<sup>®</sup> Marmoset** is a nutritionally fortified dietary supplement with vitamin D3. Formulated as a flavorful and nutritious alternative to other supplements for marmosets and tamarins.

### Delivering Solutions

- Use as part of a complete nutritional program
- Enhanced with vitamin D3
- Superior alternative to other supplements
- Ready to use – no mixing or blending
- Flavor enhanced to promote consumption

### Delivering Quality

- Superior alternative to can or dry supplements
- Efficient and easy portioning saves labor
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



HydroGel<sup>®</sup>



DietGel<sup>®</sup>



MediGel<sup>®</sup>



MediDrop<sup>®</sup>



LabGel<sup>®</sup>



FiberBites<sup>®</sup>



VetGel<sup>®</sup>

# DietGel® Marmoset

## Nutritional Information per 100g

Calories	178.9 kcal
Protein	8.2 g
Carbohydrates	29.1 g
Sugars	18.6 g
Dietary Fiber	2.1 g
Fat – total	2.4 g
Moisture	55 %
Vitamin A	46.4 IU
Vitamin C	481.3 mg
Vitamin D3	740.0 IU

## Ingredients

Purified Water, Corn Syrup, Banana, Soybean Meal, Citric Acid, Sunflower Oil, Sunflower Seeds, Hydrocolloids, Electrolyte Mix, Mineral Mix, Vitamin Mix, Vitamin D3.

## Shelf Life

12 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

### DietGel® Marmoset 72-09-5022

15 oz pouch (425g)  
32 pouches per case





# MediGel® CPF

## Flavor Enhanced Dietary Supplement with Carprofen

**MediGel® CPF** is a flavor enhanced, nutritionally fortified, dietary supplement with carprofen, for pain management in recovering rodents.

### Delivering Solutions

- Improving animal welfare by reducing injections for pain management
- Effective for managing pain in recovering rodents
- High palatability promotes consumption, effective dosing and weight gain
- Easy to administer – reduces animal handling and stress
- Improves IACUC compliance
- Ready to use cups reduce labor and save time

### Delivering Quality

- Sterile inside and out
- Tyvek® medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration

### Instructions

- Carprofen concentration = 1 mg/2 oz cup
- Average dosage of 5 mg/kg/day based on average mouse consumption
- For best results, use as the sole source of nutrition during treatment
- To be administered only under the direction of a veterinarian
- Manufactured for use only in research animals



HydroGel®



DietGel®



MediGel®



MediDrop®



LabGel®



FiberBites®



VetGel®

# MediGel® CPF

## Nutritional Information per 100g

Calories - Atwater Conversion Factors	98.9
Protein	4.7 g
Carbohydrates - Total	17.5 g
Sugars	14.5 g
Dietary Fiber	1.4 g
Fat - Total	1.5 g
Saturated Fat	0.1 g
Trans Fatty Acids	0 g
Cholesterol	1.9 g
Moisture	73-75 %
Vitamin A	107.0 IU
Calcium	223.6 mg
Phosphorus	257.3 mg
Potassium	275.8 mg
Sodium	41.9 mg

## Ingredients

Purified Water, Molasses, Corn Syrup, Animal Protein, Vegetable Oil, Food Acids, AIN Mineral Mix, Hydrocolloids, Corn Fiber, AIN Vitamin Mix, Carprofen.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

**MediGel® CPF**  
**74-05-5022**

2 oz cup (56g)  
96 cups per case  
Barrier packed





# MediGel<sup>®</sup> MLX

## Flavor Enhanced Dietary Supplement with Meloxicam

**MediGel<sup>®</sup> MLX** is a flavor enhanced, nutritionally fortified, dietary supplement with meloxicam for pain management in recovering rodents.

### Delivering Solutions

- Improving animal welfare by reducing injections for pain management
- Effective for managing pain in recovering rodents
- High palatability promotes consumption, effective dosing and weight gain
- Easy to administer – reduces animal handling and stress
- Improves IACUC compliance
- Ready to use cups reduce labor and save time

### Delivering Quality

- Sterile inside and out
- Tyvek<sup>®</sup> medical packaging
- Gamma irradiated
- Purified ingredients exclude phytoestrogens and nitrosamines
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration

### Instructions

- Meloxicam concentration = 1 mg/2 oz cup
- Average dosage of 5 mg/kg/day based on average mouse consumption
- For best results, use as the sole source of nutrition during treatment
- To be administered only under the direction of a veterinarian
- Manufactured for use only in research animals



HydroGel<sup>®</sup>



DietGel<sup>®</sup>



MediGel<sup>®</sup>



MediDrop<sup>®</sup>



LabGel<sup>®</sup>



FiberBites<sup>®</sup>



VetGel<sup>®</sup>

# MediGel® MLX

## Nutritional Information per 100g

Calories - Atwater Conversion Factors	98.9
Protein	4.7 g
Carbohydrates - Total	17.5 g
Sugars	14.5 g
Dietary Fiber	1.4 g
Fat - Total	1.5 g
Saturated Fat	0.1 g
Trans Fatty Acids	0 g
Cholesterol	1.9 g
Moisture	73-75 %
Vitamin A	107.0 IU
Calcium	223.6 mg
Phosphorus	257.3 mg
Potassium	275.8 mg
Sodium	41.9 mg

## Ingredients

Purified Water, Molasses, Corn Syrup, Animal Protein, Vegetable Oil, Food Acids, AIN Mineral Mix, Hydrocolloids, Corn Fiber, AIN Vitamin Mix, Meloxicam.

## Shelf Life

9 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

**MediGel® MLX**  
**74-06-5022**

2 oz cup (56g)  
96 cups per case  
Barrier packed





# MediGel® FBZ

## Hydration Gel with Fenbendazole

**MediGel® Fenbendazole** is a ready to use hydration gel supplement with Fenbendazole (150 ppm) for the treatment of pinworms.

### Delivering Solutions

- Broad-spectrum anthelmintic with adulticidal, larvicidal and ovididal action, effective against pinworms
- Flavor masking for ease of medication delivery
- For use in quarantine and as prophylaxis
- 98% purified water
- Replaces water bottle

### Delivering Quality

- Sterile inside and out
- Tyvek® medical packaging
- Gamma irradiated
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration

### Instructions

- Use as the sole hydration source during treatment
- To be administered only under the direction of a veterinarian
- Manufactured for use only in research animals



HydroGel®



DietGel®



MediGel®



MediDrop®



LabGel®



FiberBites®



VetGel®

# MediGel® FBZ

## Nutritional Information per 100g

Calories	6.0 kcal
Carbohydrates	1.4 g
Dietary Fiber	1.3 g
Moisture	98.0 %
Calcium	3.4 mg
Chloride	0.9 g
Phosphorus	26.3 mg
Potassium	57.8 mg
Sodium	24.3 mg

## Ingredients

Purified Water, Hydrocolloids, Electrolyte Mix, Food Acid, Sucralose, Fenbendazole, Food Color.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

**MediGel® FBZ**  
**74-01-5042**  
4 oz cup (112g)  
72 cups per case  
Barrier packed





# MediGel® TMS

## Hydration Gel with Trimethoprim and Sulfamethoxazole

**MediGel® TMS** is a ready to use hydration gel supplement containing Trimethoprim (260 ppm) and Sulfamethoxazole (1300 ppm) for recovering rodents.

### Delivering Solutions

- For use with immunocompromised/irradiated rodent strains
- Reduces occurrences of pneumocystis carinii pneumonia
- 98% purified water
- Used in place of water bottles

### Delivering Quality

- Sterile inside and out
- Tyvek® medical packaging
- Gamma irradiated
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration

### Instructions

- Use as the sole hydration source during treatment
- To be administered only under the direction of a veterinarian
- Manufactured for use only in research animals



HydroGel®



DietGel®



MediGel®



MediDrop®



LabGel®



FiberBites®



VetGel®

# MediGel® TMS

## Nutritional Information per 100g

Calories	6.0 kcal
Carbohydrates	1.4 g
Dietary Fiber	1.3 g
Moisture	98.0 %
Calcium	3.4 mg
Chloride	0.9 mg
Phosphorus	26.3 mg
Potassium	57.8 mg
Sodium	24.3 mg

## Ingredients

Purified Water, Hydrocolloids, Electrolyte Mix, Food Acid, Sulfamethoxazole & Trimethoprim, Food Color.

## Shelf Life

12 month shelf life. Does not require refrigeration or special handling.



## Ordering Information

**MediGel® TMS**  
**69-531-04**

4 oz cup (112g)  
72 cups per case  
Barrier packed





# MediGel® Sucralose

## Non-wetting Thermo Reversible Water Gel for Medication Delivery

**MediGel® Sucralose** is a flavored, low calorie water gel, designed to administer medication for research animal applications.

### Delivering Solutions

- Soft gel texture enhances consumption
- 99% purified water
- Replaces water bottle
- Low calorie sweetener masks medicinal taste
- Enhanced flexibility through in-house preparation and dosing

### Delivering Quality

- Sterile inside and out
- Tyvek® medical packaging
- Gamma irradiated
- Complies with quality standards as tested by an independent laboratory
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HydroGel®



DietGel®



MediGel®



MediDrop®



LabGel®



FiberBites®



VetGel®

# MediGel® Sucralose

## Nutritional Information per 100g

Calories	2.9 kcal
Carbohydrates	0.7 g
Dietary Fiber	0.6 g
Moisture	99 %
Calcium	1.9 mg
Chloride	0.9 mg
Phosphorus	23.7 mg
Potassium	35.6 mg
Sodium	20.6 mg

## Ingredients

Purified Water, Hydrocolloids, Electrolyte Mix, Food Acid, Sucralose.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling.

*Please refer to page 45 for recommendations on adding desired medications.*



## Ordering Information

**MediGel® Sucralose**  
**74-02-5022**

2 oz cup (56g)  
96 cups per case  
Barrier packed





# MediDrop<sup>®</sup> Sucralose

## Liquid Gel Delivery System for Medication

**MediDrop<sup>®</sup> Sucralose** is a ready to use liquid gel delivery system containing 99% purified water. MediDrop suspends medications, allowing for consistent medication delivery.

### Delivering Solutions

- Alternative to medicated water or oral gavage, to deliver antibiotics, analgesia and therapeutic compounds
- Provides uniform suspension of non-soluble medications
- Eliminates daily shaking of water bottles, saving labor
- Sweet flavor masks unpleasant tasting medications

### Delivering Quality

- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration

### Instructions

- Use as the sole hydration source during treatment
- To be administered only under the direction of a veterinarian
- Manufactured for use only in research animals



HydroGel<sup>®</sup>



DietGel<sup>®</sup>



MediGel<sup>®</sup>



MediDrop<sup>®</sup>



LabGel<sup>®</sup>



FiberBites<sup>®</sup>



VetGel<sup>®</sup>

## Nutritional Information per 100g

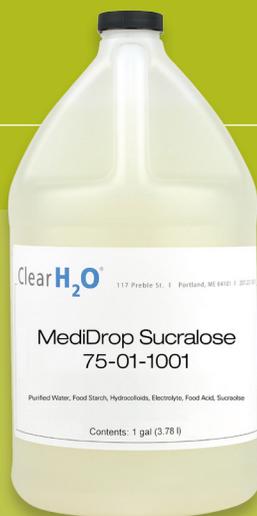
Calories	1 kcal
Carbohydrates	0.2 g
Moisture	98-100 %
Calcium	0.9 mg
Phosphorous	23.7 mg
Potassium	30.2 mg
Sodium	18.7 mg

## Ingredients

Purified Water, Hydrocolloids, Electrolyte Mix, Food Acid, Sucralose.

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling. Please shake gallon jug vigorously prior to use.



## Ordering Information

### MediDrop® Sucralose 75-01-1001

1 Gallon - (3.78 LTR)  
4 Gallons per case





# MediDrop® FBZ

## Liquid Gel Delivery of Fenbendazole

**MediDrop® FBZ** is a ready to use liquid gel delivery system for the administration of Fenbendazole (150 ppm) for the treatment of pinworms.

### Delivering Solutions

- Alternative to medicated water, medicated diet, or oral gavage, to deliver Fenbendazole
- Uniformly suspends and delivers Fenbendazole
- Eliminates daily shaking of water bottles, saving labor

### Delivering Quality

- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration

### Instructions

- Use as the sole hydration source during treatment
- To be administered only under the direction of a veterinarian
- Manufactured for use only in research animals



# MediDrop® FBZ

## Nutritional Information per 100g

Calories	2 kcal
Carbohydrates	0.2 g
Dietary Fiber	0 g
Moisture	98-100 %
Calcium	1.0 mg
Phosphorous	11.8 mg
Potassium	30.5 mg
Sodium	2.8 mg

## Ingredients

Purified Water, Hydrocolloids, Electrolyte Mix, Food Acid, Sucralose, Fenbendazole, Food Color

## Shelf Life

18 month shelf life. Does not require refrigeration or special handling. Please shake gallon jug vigorously prior to use.

\* Special order, minimum quantities apply



## Ordering Information

### MediDrop® FBZ

**\*75-01-1002**

1 Gallon - (3.78 LTR)

4 Gallons per case





# LabGel®

## Naturally Flavored Gel Providing Enrichment, Hydration and Medication Delivery

**LabGel®** is a non-wetting naturally flavored gel, designed to provide enrichment and hydration. It is an excellent vehicle for medication delivery for nonhuman primates and other research animals.

### Delivering Solutions

- Thermo-reversible gel supports various applications:
  - Use with enrichment devices
  - Delivery and flavor masking of oral medications
- Provides up to 93% water for efficient hydration
- No sugar added formulation for use with calorie restricted diets
- Flavor enhanced to promote acceptance and consumption

### Delivering Quality

- Purified ingredients
- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



## LabGel® (No Sugar Added)

### Nutritional Information per 100g

Calories	24.6 kcal
Protein	0.2 g
Carbohydrates (total)	5.6 g
Sugars (total)	3.9 g
Dietary Fiber	1.5 g
Fat (total)	0.2 g
Saturated Fat	0.1 g
Moisture	92-94 %
Sodium	24.2 mg
Potassium	111.2 mg
Calcium	3.8 mg
Chloride	0.7 mg
Phosphorus	35.4 mg

### Ingredients

Purified Water, Banana, Hydrocolloids, Electrolyte Mix, Food Acid, Sucralose.

### Shelf Life

18 month shelf life. Does not require refrigeration or special handling.



### Ordering Information

**LabGel® Banana**  
**No Sugar Added**  
**71-02-1081**

8 oz pouch (226 g)  
55 pouches per case





# FiberBites<sup>®</sup>

## Fiber Fortified Enrichment Gummie for Nonhuman Primates and Rabbits

**FiberBites<sup>®</sup>** act as a prebiotic to nourish beneficial bacteria, promoting a healthy digestive tract while providing oral enrichment. Made with a natural source of inulin.

### Delivering Solutions

- Great tasting natural flavors promote acceptance
- Convenient and easy to administer
- Low in calories
- Cost-effective supplemental fiber source

### Delivering Quality

- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



# FiberBites®

## Recommended Dosage

Fiber: 1-2 g/kg/day to supplement the fiber content in the diet. Each FiberBite gummie contains 2 grams of fiber.

## Nutritional Information per piece

Each piece contains:

Calories	7.5 kcal
Carbohydrates	3.0 g
Dietary Fiber	2.0 g
Sugars (total)	0.5 g

## Ingredients

Chicory Root (Inulin), Gelatin, Food Acids, Natural Flavors, Food Colors, Coconut Oil, Beeswax, Fruit Concentrate.

## Shelf Life

24 month shelf life.

## Storage

Best if stored between 55° and 65°F (13° and 18° C)



## Ordering Information

**FiberBites®**

**73-01-2101**

4 gram drop

(2.0 g fiber per drop)

1,135 drops per 10 lb case





# VitaBites®

## Vitamin Fortified Enrichment Gummie for Nonhuman Primates and Rabbits

**VitaBites®** are a multivitamin supplement designed to support general health while providing oral enrichment.

### Delivering Solutions

- Great tasting natural flavors promote acceptance
- Convenient and easy to administer
- Multi-benefit multivitamins
- Low in calories
- Cost-effective supplemental vitamin source

### Delivering Quality

- Complies with quality standards as tested by an independent laboratory
- Certificate of analysis by manufactured lot
- Individually coded with lot and date of expiration



# VitaBites®

## Recommended Dosage

2 Gummies

## Nutritional Information per 2 pieces

Serving Size: 2 Gummies

Calories	15 kcal
Carbohydrates	4.0 g
Sugars - total	3 g
Vitamin A (Retinyl Acetate)	4000 IU
Vitamin C (Ascorbic Acid)	60 mg
Vitamin D (Cholecalciferol)	400 IU
Vitamin E (dl-Alpha Tocopheryl Acetate)	40 IU
Vitamin B-6 (Pyridoxine Hydrochloride)	2 mg
Folic Acid	400 mcg
Vitamin B-12 (Cyanocobalamin)	8 mcg
Biotin (Biotin)	150 mcg
Pantothenic Acid (Calcium D-Pantothenate)	10 mg
Iodine (Potassium Iodine)	80 mcg
Zinc (Zinc Sulfate)	5 mg
Sodium	15 mg

## Ingredients

Glucose Syrup, Sugar, Water, Citric Acid, Pectin, Sodium Citrate, Natural Flavors, Food Colors, Coconut Oil, Caranuba Wax.

## Shelf Life

24 month shelf life.

## Storage

Best if stored between 55° and 65°F (13° and 18° C)



## Ordering Information

VitaBites®

73-01-2102

4 gram drop

1,135 drops per 10 lb case



# Frequently Asked Questions

## HYDROGEL

### What does Barrier Packed mean?

Barrier Packed products contain cups or pouches inside of a medical grade Tyvek® bag. This saves labor by eliminating the need to wash individual cups or pouches when transferring into a clean room or biosecurity facility.

### Why are gel products a good choice for research animals?

Unlike water bottles and mash diets, gels provide a consistent amount of hydration, nutrition and medication delivery without wetting the animal. While particularly useful when transporting animals, HydroGel® is also a great choice for recovering animals and special needs animals who require consistent, easy-to-consume hydration support.

### How much HydroGel do I need to supply for an animal during shipment?

The amount of HydroGel® required is dependent on the species of animal, the number of days in transit, and the number of animals. Daily water consumption differs by animal. Please note many factors such as ambient temperature, animal weight and environmental conditions impact the daily water consumption. The suggested values listed below are average daily water consumption guidelines for animals during shipment. HydroGel® is 98% pure water; therefore, the gel consumption is equivalent to water consumption.

- Mouse: 4 - 7g
- Rat: 24 - 20g
- Guinea Pig: 50 - 80g
- Rabbit: 100 - 600g

### What is the best way to store HydroGel® products?

Unopened HydroGel® can be stored at room temperature and does not require special handling.

Shelf life for unopened HydroGel® is 24 months from date of manufacture.

Once opened, provided the gel has not been contaminated, ClearH<sub>2</sub>O products can be stored either at room temperature or at 4°C in a sealed bag/container to prevent the product from drying out for approximately 2 weeks.

## DIETGEL

### When should I use DietGels®?

DietGel® products are soft gel dietary supplement formulations with carbohydrate, fat, protein, and fortified with a mineral and vitamin mix (with the exception of DietGel® Recovery, which only contains mineral mix). They are a superior alternative to mash diets, that can be used as the sole source of nutrition for up to 7 days, reducing time and labor costs. However, customers have used the product as a sole source of nutrition for up to 3 months with no issues. Please consult with your nutritionist for long-term use. DietGel® products are designed to provide compromised rodents a palatable source of hydration and energy and are an excellent solution for supplemental hydration for:

- Breeding and weaning of pups
- Post-surgical support
- Neurologically compromised rodents
- EAE models, Transgenic Mice
- Shipping

### What is the best way to store DietGel® products?

Unopened DietGel® can be stored at room temperature and does not require special handling. Shelf life for unopened DietGel is 18 months.

Once opened, provided the gel has not been contaminated, ClearH<sub>2</sub>O products can be stored either at room temperature or at 4°C in a sealed bag/container to prevent the product from drying out for approximately 2 weeks.

### **Why does DietGel® sometimes have white or brown specs?**

Non-soluble ingredients are sometimes visible in DietGel®, showing up as white to brown specs or clumps. The non-soluble ingredients do not affect the nutritional integrity of the product, making it 100% safe to use for your research animals.

### **Why does the color of DietGel® vary from case to case?**

Color variation occurs during our sterilization process. When DietGel® products are produced, the color is a milky white. The product is then sterilized. The irradiation process changes the product color from a milky white to a caramel color. Product position within the sterilization chamber results in color variation. All DietGel® product is 100% sterile and safe to use, regardless of color variation.

### **Can I use DietGel® Recovery for support during shipments?**

DietGel® Recovery is an excellent choice as a hydration source when shipping mice and rats. Many facilities have successfully used DietGel® Recovery during transport of rodents who arrive dry, healthy and require less time to acclimate. DietGel® Recovery is sterile purified water gel containing 70% moisture. It is fortified with calories and minerals and provides 120 kcals/100 grams.

When shipping guinea pigs we recommend using HydroGel®. In a recent study conducted by Charles River Laboratories, consumption and weight loss of guinea pigs during transit was significantly better with HydroGel® compared to a sweetened gel. The study showed that animals consumed more HydroGel®, therefore preventing body weight loss and decreasing clinical pathologic indicators of dehydration.

## **MEDIGEL**

### **How do I add medications to MediGel® Sucralose?**

There are two ways to add medications to MediGel® Sucralose: via syringe through the top of the foil cup lid or by removing the foil lid and mixing the drug directly into the gel.

The most commonly used method is to use a syringe to deliver a medication through the foil lid. After the medication is added, shake the cup vigorously for 10 seconds to mix the medication evenly in the gel. Because MediGel® Sucralose has a softer gel consistency, no pre-heating of the gel is required. We do, however, recommend having the gel at room temperature before mixing the medication. One trick to ensure that the medication is mixed evenly into the gel is to add a natural food color dye with the medication solution. This enables a visual confirmation of the mixing.

After the medication is added, it is best to place the gel into a refrigerator for 30 minutes prior to placement of the gel with the animals. The cooler temperature allows the gel to set and also protects the medicant during storage.

One 2oz cup will hydrate and medicate 5 mice for two days.

### **How do I calculate the medication dosage for using MediGel® Sucralose?**

To answer this question, it is best to use an example calculation. In this calculation, we are using a drug concentration of 10mg/kg/day.

For a 30 gram mouse, use  $10\text{mg/kg} \times 0.03\text{kg} = 0.3\text{mg}$  of drug/day/mouse.

A 30-35 gram mouse on average will consume 7g of gel per day (about 0.2 ounces), so we would want a concentration of  $0.30\text{mg}/7\text{g/gel} = 0.04\text{mg/g}$ .

# Frequently Asked Questions

Because our products are in 2oz containers (60g) you would want to add 2.4mg of ibuprofen to one cup of MediGel® Sucralose (60g x 0.04mg/g - 2.4 mg)

One cup of MediGel® Sucralose medicates and hydrates 4-5 mice for 2 days.

## **What is the best way to store MediGel® Sucralose?**

Unopened MediGel® can be stored at room temperature and does not require special handling. Shelf life for unopened MediGel® is 18 months.

Once opened, provided the gel has not been contaminated, ClearH<sub>2</sub>O products can be stored either at room temperature or at 4°C in a sealed bag/container to prevent the product from drying out for approximately 2 weeks

## **Why might MediGel® FBZ be different shades of blue?**

The change in blue color is a result of photobleaching that occurs during the irradiation process. Because there are “hotspots” within the irradiation chamber, some of the product is subjected to a higher irradiation dose, resulting in a reduced blue color. Irradiation has no impact on drug efficacy or product stability.

## **How do you use MediGel® FBZ?**

MediGel® FBZ is an efficient and cost-effective way to treat pinworm infections or to use as a prophylactic during quarantine. Each 4oz. cup contains 150ppm of Fenbendazole, the industry standard.

MediGel® FBZ is commonly placed on the top of the cage in the water bottle slot. To use on the top of the cage, remove the water bottle and place the gel on the wire rack. The gel will not fall through the wire. Removing the gel from the cup is achieved by simply placing your finger between the

gel and the cup. The gel will pop out easily. After the gel is removed, set the cup gently on top of the gel to prevent evaporation (MediGel® is 98% water). Mice and rats will be able to reach the gel through the wire, getting their hydration and medication at the same time. If placing the cup on top of the cage is not an option, the gel can easily be placed on the cage floor or in a Shepard Shack cup holder.

One cup will hydrate and medicate 5 mice or 2 rats for 3-4 days. It is recommended that cups be replaced on a standard schedule, three times a week (Monday, Wednesday, Friday for example) . This ensures that the gel remains fresh and that the animals get consistent hydration and medication.

## **What is the best way to store MediGel FBZ®?**

Unopened, MediGel® FBZ is designed to be stored at room temperature and does not require special handling. Shelf life for unopened MediGel® FBZ is 18 months.

## **MEDIDROP**

### **How do I use MediDrop®?**

MediDrop® is a complete hydration and medication delivery system and is used in place of the standard water supply. Its gel matrix technology enables medications or compounds to be suspended in solution and delivered to the animals in a consistent dosage without settling. Please shake the gallon jug vigorously prior to use. Simply add the desired compound to MediDrop®, shake, and then add directly to a clean empty water bottle or water delivery device. Use MediDrop® Sucralose for unpleasant or bitter tasting compounds or medications. Animals should consume MediDrop® at the same rate as water.

## **LABGEL**

### **How to use LabGel®?**

LabGel® is hydration source that can be used for non-human primates. It is 92% water, and can be used as an emergency water source, during transportation or as supplemental hydration.

Thermo-reversibility is a unique attribute of ClearH2O gel products. When heated to its fluid form, it can easily be poured into an enrichment device. Oral medications may also be administered by adding them to the gel in its liquid form. When heated, the gels transform into a semi-liquid, and when cooled to room temperature, they revert back to their original gel state.

We recommend heating unopened pouches in hot water until the gel reaches melting temperature and becomes fluid. Melting temperatures will vary from 130 to 160 degrees Fahrenheit. Caution should be used in handling gels after heating to prevent burns. Once the medication is added to the liquefied gel, we recommend transferring to a container with a large surface base to facilitate heat transfer and to minimize the amount of time that the drug may be exposed to elevated temperatures. Refrigeration may be used to shorten the time it takes for the gel to return to its semi-solid state.

### **What is the best way to store LabGel® products?**

Unopened LabGel products are designed to be stored at room temperature and do not require special handling. Typical shelf life for unopened LabGel® products is 18 months.

## **FIBERBITES & VITABITES**

### **What is the recommended dosage for FiberBites®?**

FiberBites® provide an easy to administer, readily accepted source of fiber for nonhuman primates (NHPs). Each bite contains approximately 2 grams of inulin, a prebiotic fiber source that promotes a healthy gastrointestinal tract.

The general recommend daily dose of fiber in NHPs is 1.5 to 2 grams per kg per day. Assuming the primate weighs 8 kilos – it requires 12 to 16 grams of fiber per day. To convert grams of fiber needed to the proper number of FiberBites®, divide the daily fiber dose by 2 grams.

For example, 12 to 16 grams of fiber daily equals 6-8 FiberBites®; we would recommend starting with 3 pieces twice a day and increasing to 4 twice daily depending upon your results.

### **What is the recommended dosage for VitaBites®?**

VitaBites® provide an easy to administer, readily accepted multivitamin for NHPs. The recommended serving is 2 gummies. Each VitaBite is approximately 4 grams. The recommended dosage provides a full range of essential vitamins to support general health.

### **What is the best way to store FiberBites® and VitaBites®?**

FiberBites® and VitaBites® are best if stored between 55-65 degrees Fahrenheit (13-18 degrees Celsius)

### **What is the shelf life for FiberBites® and VitaBites®?**

The shelf life of FiberBites® and VitaBites® is 24 months.



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Blending food technology with life science for clearly better products.

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### **Company Information**

ClearH<sub>2</sub>O<sup>®</sup>, is committed to providing hydration, nutrition and enrichment products that improve the overall welfare of research animals. Our in-house scientists understand that the health and welfare of lab animals is critical to your research. ClearH<sub>2</sub>O<sup>®</sup> products provide convenient, high-quality, consistent nutrition and hydration to promote animal wellness. Made at our FDA approved facility, ClearH<sub>2</sub>O<sup>®</sup> products are prepared with purified ingredients and enhanced flavor to improve consumption.

[www.clearh2o.com](http://www.clearh2o.com)    **1-888-493-7645**