

GLYCEMIC RESEARCH INSTITUTE®

PET FOODS DIVISION

**Independent Clinical & Analytical
Ratings on Pet Foods**

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GLYCEMIC RESEARCH LABORATORIES
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30-YEARS of CLINICAL CLAIM SUBSTANTIATION

***U.S. Government Accredited Certification Organization
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**Board Approved Human In Vivo Clinical Trials
Official GRI Clinical Trials Laboratories**

**Glycemic Research Institute®
Glycemic Research Laboratories
Glycemic Solutions, Inc.
St. Petersburg, FL 33701
727.894.6900
info@Glycemic.com**

**Pet Food Certifications & Testing
GRIPetFoods.com**

**Human In Vivo Clinical Trials Laboratories
Glycemic.com**

2014

GLYCEMIC RESEARCH INSTITUTE®
PET FOODS DIVISION

Authoritative and Legal Claim Substantiation

TESTING & CERTIFICATIONS
LABORATORIES

**Independent Clinical & Analytical
Ratings on Pet Foods**

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PET FOOD PROGRAMS & SERVICES

This document contains 23-pages

**HOW TO SUBMIT A PET FOOD FOR LOW GLYCEMIC &
DIABETIC-FRIENDLY TESTING & CLAIM SUBSTANTIATION**

- PET FOOD SCREENING, TESTING & CERTIFICATION PROGRAM
- PET FOODS CLAIMS COMPLIANCE
- COST of TESTING & CERTIFICATION

APPLICATION FORM: 7 pages

REGULATORY COMPLIANCE DOCUMENTS

**LEGAL REQUIREMENTS FOR “LOW GLYCEMIC” or “DIABETIC”
CLAIMS ON PET FOODS: 3 pages**

- Glycemic Research Institute® *Authoritative and Legal Claim Substantiation* for human and pet food labels (28-page document).
- Compliance with *FDA Code of Federal Regulations, Title 21, Food and Drugs guidelines (Pet Foods)*. Compliance with Food & Drug Institute (FDA) *Food Health Claims and Labeling Guidelines* of the FDA NLEA (Nutrition Labeling and Education Act) and CVM NLEA policies in health information on pet foods.

GLYCEMIC RESEARCH INSTITUTE®

PET FOODS DIVISION
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PROGRAMS & SERVICES
TESTING & CLAIM SUBSTANTIATION
LOW GLYCEMIC & DIABETIC-FRIENDLY PET FOODS

2014 - PET FOOD PROGRAMS & SERVICES

The Glycemic Research Institute® (GRI), Division of Pet Foods, conducts Independent Screening, Testing, Analytical research, Product Ratings, Claims validations, and Certifications on Pet Foods and Pet Treats.

The GRI Human In Vivo Clinical Trials Laboratories (human trials only) specializes in clinical trials claim substantiation in the field of the Glycemic Index, Glycemic Load, Glycemic Impact™, Obesity Impact, Adiposity Impact, Diabetic Impact, Diet-Friendly, Childhood Obesity, Brain Glycemic Indexing, and FDA CFR21 Claim Substantiation and Certification Marks (Glycemic.com).

In the Pet Foods Division, the Glycemic Research Institute® has examined hundreds of pet foods from 2004 to 2014 in order to determine the healthiest overall products, focusing on anti-aging, diabetes, arthritis, glycemic, blood glucose and insulin response, in the canine and feline.

As an independent research organization, GRI has no ties to the pet food industry, and does not accept monies from any company for the *Pet Food of the Year* Award or any other GRI Pet Food Award.

Programs and Services offered by the Glycemic Research Institute® Pet Foods Division include:

- Independent Testing & Certification of pet foods and pet treats
- Awards Programs
- Pet Food of the Year
- Educational Services
- Sierra Foundation – *Pets in Need* (assisting pets and their owners with pet food, medical, Service Dog Assistance, and other needs)

SCREENING, TESTING & CERTIFICATIONS PROGRAMS

DEFINING LOW GLYCEMIC & DIABETIC FRIENDLY PET FOOD

The Glycemic Impact™ (Glycemic Index, Glycemic Load, overall blood glucose/insulin, obesity, and adiposity response) of a canine and/or feline food is extremely important in their lifespan and health status. This includes the Diabetic-Risk-Factors related to ingestion of pet foods. In order to qualify to use a statement of *Low Glycemic* or *Diabetic Friendly*, either on a human food/beverage, or a pet food product, both legal and clinical perimeters must be established per Federal guidelines.

As a Pioneer in glycemic testing globally, the Glycemic Research Institute® has been conducting clinical research, setting new guidelines for determining legal claims, per FDA 21CFR, and designing more accurate perimeters for clinical studies, as well as expanding the definitions related to obesity, diabetes, and adiposity, for the past 30-years. GRI has been validating legal claims, per FDA & FTC Guidelines, for the largest food and beverage companies in the world (Glycemic.com), with an exemplary accuracy rating in clinical trials.

Determination of the glycemic status of a pet food is both complicated and convoluted. Looking at the label does not reveal the glycemic status of a pet food, or a human food. Many ingredients that are included in both human and pet foods are impossible to identify and impossible to tag as either High Glycemic or Low Glycemic without benefit of analytical and clinical trials.

For example, Maltodextrins are found commonly in many foods. A label, both pet foods and human foods, can declare “No Sugars” and still contain a huge amount of sugar. The legal loophole is in the definition of “Sugars.” Maltodextrins are the highest glycemic sugar on this planet, and yet, the FDA allows them to be called “Carbohydrates” and not “Sugars.” So foods and beverages, including pet foods, can claim “No Sugars” and “Sugar Free” while containing any amount of Maltodextrin-Sugars.

Thus, labels are deceptive in analyzing their actual metabolic response.

In the canine and feline, High Glycemic pet foods, and High Glycemic diets high in sugars and carbohydrates accelerate the aging process, reduce lifespan, exacerbate cancer, diabetes, and other disease states.

One symptom of improper diet is skin diseases, which range from mild to severe, and are manifested by itching and scratching, rashes, and dull and dry coat.

HIGH-QUALITY SPECIES-SPECIFIC INGREDIENTS **SCREENING PROCESS**

Glycemic Research Institute's® Pet Food Testing Program mandates screening for high-quality proteins in pet food, and the specific exclusion of High Glycemic Ingredients or low-quality ingredients, as well as non-species-specific. Species-Specific refers to the utilization of ingredients contraindicated in canine/feline pet foods, such as the use of corn, maltodextrin, glucose polymers, sugars, artificial sweeteners, high levels of potato starch, Xylitol, or other non-GRI-approved ingredients.

According to *PetEducation.com*:

“High-quality ingredients are essential for a healthy pet. Some economy brands of dog food are made from inexpensive ingredients that are not easily digested, and therefore, do not provide the best nutrition. While they may technically meet the legal specifications for percentages of protein, fat, carbohydrates, etc., these foods have lower energy values and lower-grade proteins.

Because of this, many health-building nutrients may pass right through your dog's system without being absorbed.

It also means that you have to feed larger amounts of that lower quality food to provide your pet with the same nutrition as a smaller amount of premium food.

When you compare the cost of these foods on a per-serving basis, and realize how quickly you go through a bag, economy foods may actually cost more in the long run.

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When you are looking for a healthy food for your dog, reviewing the list of ingredients on the back of the bag is a good place to start. By law, all *pet food labels* must list their ingredients by weight.

Look for meat, fish, egg, or some type of meat meal or fish meal as the first or second ingredient. Meat, fish, and eggs all have a high biological value, which

means they have a high percentage of protein in the form of digestible, usable amino acids.”

CORN IS CONTRAINDICATED

Corn is typically found in dog foods, and is a prime example of inappropriate pet food ingredients. When is the last time you saw a dog grazing in a corn field? Corn is the worst possible product to feed a dog, even in small amounts, as their metabolism reacts to corn extremely negatively. Corn elevated blood glucose levels in the canine and feline, which causes skin problems, diabetes, and a plethora of other physical problems.

HIGH GLYCEMIC INGREDIENTS

Ingestion of corn and grains directly affect blood sugar levels in humans, as well as dogs and cats. The canine biochemistry is hard-wired to produce glucose from amino acids (proteins), which balances blood sugar levels.

Dogs can detect the smell of amino acids more distinctly than any other odor, as they have evolved into an efficient meat-detecting machine.

High Glycemic ingredients are contraindicated in canine and/or feline pet foods and treats. High Glycemic ingredients over-elevate blood glucose levels, and increase risk of epilepsy, hypothyroidism, allergies, yeast infections, cancer and diabetes.

- Primary (high) levels of High Glycemic grains in canine and feline pet foods are not acceptable. These include wheat, corn, rice, and brown rice.
- Primary (high) levels of High Glycemic carbohydrates include potatoes (at high levels), potato starch, beets, and cooked carrots.

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2014 - Glycemic Research Institute® - Pet Foods Division

Many pet food manufacturers have recently begun to add potato starch to dog and cat food. This practice is unfortunate, because most consumers are not aware that potato starch is High Glycemic and contraindicated in pet foods of any type.

The Glycemic Research Institute® does not accept canine/feline foods or treats that contain high levels of potato starch. It is added to pet food because it is a very

inexpensive raw material that adds bulk to the formula. This is also the case with corn.

Unlike regular potatoes and potato starch, sweet potatoes do not have the same negative effect on the canine, and are an acceptable ingredient in pet foods, as long as the ratios of proteins-to-carbs are in alignment.

CANINE ARTHRITIS

Pain management in the arthritic canine requires reducing inflammation, and reducing excess adipose tissue body fat. Sore and inflamed joints are a common side effect of arthritis in dogs.

In the lean, muscular canine, arthritic-soreness is reduced as compared to the overweight dog. Excess adipose tissue fat is exacerbated in the canine and feline via ingestion of grains and starches, which can be fattening.

TOXIC INGREDIENTS

Many foods and plants are safe for humans to consume, but are quite toxic to dogs and cats. Xylitol and chocolate can cause death in the canine. The following foods and plants are contraindicated in dogs/cats.

Foods that can cause death, even in small doses, are tagged as potentially *LETHAL* in pets. Be cautious of chewing gum and other products that contain xylitol.

XYLITOL (potentially Lethal): The *Animal Poison Control Center of the American Society for the Prevention of Cruelty to Animals* reports a substantially increased number of cases involving xylitol poisoning in dogs. Found in sugar-free chewing gum, candy, and baked goods, xylitol is a sweetener that can cause serious and sometimes life-threatening problems for pets.

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2014 - Glycemic Research Institute® - Pet Foods Division

CHOCOLATE (potentially Lethal): Includes milk chocolate, dark chocolate, Cocoa powder, baking chocolate, dry cocoa powder, chocolate milk, chocolate candy, coca nut, chocolate ice cream, chocolate chip cookies, chocolate cake.

OTHER TOXIC INGREDIENTS in the CANINE

- THEOBROMINE (potentially Lethal)

- CAFFEINE (potentially Lethal)
- DRINKS THAT CONTAIN CAFFEINE & ENERGY DRINKS
- COFFEE & COFFEE GROUNDS (potentially Lethal)
- GRAPES, RAISINS
- YEAST DOUGH, BREADS MADE WITH YEAST
- ONIONS & GARLIC
- SOY (endocrine disruptions)
- TEA
- AVOCADO
- ALCOHOL
- MACADAMIA NUTS
- VEGETABLES: Vegetables in the nightshade family, such as tomatoes, potatoes, eggplant and peppers should be avoided in canine/feline foods, as these foods can aggravate arthritic-inflammation and weight gain.

TOXIC PLANTS

Many household and yard plants can sicken and/or be lethal to pets, such as:

- Lilies, Lily of the Valley, oleander, azalea, yew, foxglove, rhododendron and kalanchoe (heart problems if ingested).
- Rhubarb leaves and shamrock contain substances that can produce kidney failure. Certain types of lilies (*Lilium* and *Heimerocallis* species) are highly toxic to cats, resulting in kidney failure, even if small amounts are ingested.
- Sago palms (*Cycad* species) can cause liver damage, especially if the nut portion of the plant is consumed.
- Fungi: certain varieties of mushrooms can cause liver damage and other medical problems.
- Philodendron, castor bean, corn plant, mother-in-law's tongue, Hibiscus and hydrangea.

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2014 - Glycemic Research Institute® - Pet Foods Division

COMMONLY ASKED QUESTIONS

Q. HOW CAN PET FOOD THAT CONTAINS POTATOES BE CONSIDERED LOW GLYCEMIC? POTATOES VS CORN

A. The mere inclusion of potatoes in a pet food, or human food, does not always determine the resulting glycemic index and load, as that is determined by the protein-carb-fat ratios, with particular emphasis on the type of proteins utilized.

The amount of potatoes (in weight) in relation to the other ingredients determines how much of an impact the potatoes will have on blood sugar/insulin levels (Glycemic Impact™). Sweet potatoes would be a good substitute to regular potatoes in pet foods, as their Glycemic Impact™ is much lower. Pet foods that contain a sufficiency of high quality proteins, with low levels of potatoes (not potato starch), blunt the glycemic response from inclusion of potatoes in the food. On the other hand, the glycemic response to oral ingestion of corn in the canine and feline is very negative, exhibiting high glycemic perimeters, and corn is never acceptable in a dog or cat pet food. Corn, however is beneficial to certain animals, such as horses, squirrel's, ducks, chickens, and other birds.

Q. IS THERE A COST FOR THE GLYCEMIC RESEARCH INSTITUTE® “PET FOOD OF THE YEAR”?

A. No. All Pet Food Awards are Pro Bono (free of charge).

Q. IS THERE A COST FOR GLYCEMIC & DIABETIC CLAIM SUBSTANTIATION, TESTING, AND CERTIFICATIONS - SUCH AS MANUFACTURERS WHO WANT TO TEST THEIR PET FOODS?

A. The Glycemic Research Institute® Pet Foods Division does not charge for the Certification Marks or Pet Food Awards.

- In regards to testing of Pet Foods and Treats, manufacturers seeking Glycemic/Diabetic Claim Substantiation, 3rd Party Independent Validation, and Certifications for Labeling will pay a fee (as described below).
- The Sierra Foundation assists animals in need and does not accept monies for this endeavor.

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2014 - Glycemic Research Institute® - Pet Foods Division

Commonly Asked Questions (continued)

The Official Glycemic Research Institute® Laboratories do charge a fee for clinical trials and/or analytical studies that are *not* related to GRI Pet Food Awards, which are Pro Bono. The *Clinical Studies Coordinator* can provide information to clients that are seeking Testing & Claim Substantiation for Pet Foods, and pricing information is provided below (COSTS: SCREENING, TESTING, CERTIFICATIONS).

Clinical Studies Coordinator

Ms. Eniko Nagy, Clinical Trials Coordinator, Glycemic Research Laboratories
727.894.6900 - contact@glycemic.com

Q. HOW DID *ORIJEN* CANINE FOOD WIN THE AWARD FOR “PET FOOD OF THE YEAR”?

A. *Orijen* Canine Food exemplifies a pet food that is based on the evolutionary and biological needs of the canine. *Orijen* did not apply for this award, they were selected by the Glycemic Research Institute® (GRI) after a study was undertaken by the GRI Clinical Researchers, comparing *Orijen* to hundreds of other canine pet foods on the market. The Glycemic Research Institute’s® “Pet Food of the Year” award is Pro Bono and no pet food company knows which pet foods are being tested by GRI until the award is announced to the public. For complete information on *Orijen*’s formulas, their website contains a *White Paper*, which has explicit details on how their food is designed, formulated, and researched: **ORIJEN CANINE FOOD - www.orijen.ca - Champion Pet Foods**

Q. ANIMAL RIGHTS: ARE ANY ANIMALS HARMED DURING TESTING?

A. Absolutely not. We are animal rights advocates. Everyone at the Glycemic Research Institute® is a devout animal lover. The Glycemic Research Institute’s official position on the rights and dignity of all animals is found in the GRI document published at our website: *ANIMAL RIGHTS STATEMENT*. GRI’s moto regarding animals is: *“The greatness of a nation and its moral progress can be judged by the way its animals are treated” Gandhi*

The Glycemic Research Institute® is a Pet Friendly environment. Glycemic Research Institute® scientists, researchers, and staff frequently bring their own pets to the office. Two frisky German Shepherd pups belonging to our Chief of Biomedical Research are often found romping around the office, trying to tempt the staff to *play ball*.

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2014 - Glycemic Research Institute® - Pet Foods Division

COSTS: SCREENING, TESTING, CERTIFICATIONS
GLOBAL PET FOODS CERTIFICATION PROGRAM
LOW GLYCEMIC & DIABETIC FRIENDLY

Costs regarding the Glycemic Research Institute® Pet Foods Division; Screening, Testing, and Certification Program, are listed below. Costs are on a

sliding scale which is dependent on the number of products submitted at one time. The Application Form is provided below.

If the product (Test Food) passes all Glycemic Research Institute® Protocols, the Certification is awarded Pro Bono, per the guidelines as set by GRI. An Official Press Release is also available to manufacturers whose products pass all GRI Pet Food Testing Protocols.

1-4 PET FOOD PRODUCTS SUBMITTED AT ONE TIME:	\$2,000. Per product
5-10 PET FOOD PRODUCTS SUBMITTED AT ONE TIME:	\$1,800. Per product
11-20 PET FOOD PRODUCTS SUBMITTED AT ONE TIME:	\$1,600. Per product
21-50 PET FOOD PRODUCTS SUBMITTED AT ONE TIME:	\$1,400. Per product
51-100 PET FOOD PRODUCTS SUBMITTED AT ONE TIME:	\$1,000. Per product

SUBMITTING A PET FOOD OR PET TREAT TESTING & CERTIFICATION PROGRAM

Manufacturers of Pet Foods and Pet Treats may submit products to the Glycemic Research Institute® Laboratories in order to obtain objective, third party substantiation of “LOW GLYCEMIC” and/or “DIABETIC FRIENDLY” in dogs.

No pet food that contains raw materials from China, or manufactured in China, will be accepted, due to U.S. government actions and interventions related to canine deaths from ingestion of ingredients/pet treats originating from China. No pet foods that contain any dangerous or banned ingredients will be allowed for testing. GRI has the right to deny any pet food it deems as dangerous, potentially dangerous, or inappropriate for canine consumption. Additionally, and action or intervention or warnings taken against the client by the U.S. Food & Drug Administration or any other government or regulatory agency can cause a Test Food to be declined by GRI.

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2014 - Glycemic Research Institute® - Pet Foods Division

PET FOOD AWARDS PROGRAM

SUBMITTING A PET FOOD OR PET TREAT FOR “PET FOOD of the YEAR” or other GLYCEMIC RESEARCH INSTITUTE® AWARD

The Glycemic Research Institute® (GRI) conducts independent testing, screening, research, and Certification on Pet Foods and Pet Treats. The Glycemic Research Institute® has been conducting Human In Vivo Clinical Trials since 1983, and began their Pet Food Division in 2004.

The public is encouraged to submit a pet food for the Glycemic Research Institute® (GRI) “Pet Food of the Year” award.

GRI is completely independent from any pet food company and independently selects outstanding pet foods for *Pet Food of the Year*. GRI does not accept any financial remuneration for this award, or any GRI award. All pet food awards are granted *Pro Bono*.

The GRI Advisory Board accepts recommendations for *Pet Food of the Year* from the public, and from pet food testing conducted through GRI Laboratories.

To recommend a pet food or pet treat for a GRI award, send an email to contact@GRIPetfoods.com and included the name of the product and the website where the product can be found.

CRITERIA FOR SELECTING “PET FOOD OF THE YEAR” AWARD

As a species, dogs and cats are evolutionarily designed to utilize animal proteins and fat as their primary fuel, with Low Glycemic fruits and vegetables as a secondary fuel. It is important to include Low Glycemic species-friendly fruits and vegetables in canine and feline pet foods.

Dogs and cats require biologically appropriate diets in order to thrive and stay healthy.

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2014 - Glycemic Research Institute® - Pet Foods Division

Though the food supply in both humans and pet diets has changed over the last hundred years, they both have resulted in weight gain, diabetes, arthritis, joint disorders, and a plethora of health issues, including mild-to-severe skin problems in the canine and feline.

Currently, some dog and cat foods contain ingredients that are totally inappropriate for the species.

An acceptable pet food should be designed to meet the biological needs of the species. An *outstanding* pet food will reflect appropriate ratios of protein-to-carbs-to-fats, and will only contain ingredients that are acceptable to that species.

Pet foods that contain significant levels of High Glycemic ingredients and/or ingredients not deemed acceptable for the species will be excluded from being considered for the “Pet Food of the Year” award.

Per GRI Protocols, pet foods that contain certain sweeteners, including Xylitol, sucrose, artificial sweeteners, maltodextrin, and sweeteners which elevate blood glucose levels, and/or cause skin problems in animals, and/or are known to be contraindicated for use in animals, and/or are not approved for use in animals, will be excluded for consideration as “Pet Food of the Year.”

Pet foods that meet the guidelines for “Pet Food of the Year” will reflect the strict criteria set by the Glycemic Research Institute® for a Low Glycemic, appropriately formulated food, and will reflect the current science in the field of nutritional animal biochemistry.

Products selected as “Pet Food of the Year” will have demonstrated an *above average* commitment to an animal’s total health and an approach to formulating a pet food that is *as exemplary as advanced science allows*.

GLYCEMIC RESEARCH INSTITUTE®

PET FOODS DIVISION

TESTING & CERTIFICATIONS LABORATORIES

**Independent Clinical & Analytical
Ratings on Pet Foods**

CANINE PET FOOD
LOW GLYCEMIC, DIABETIC-FRIENDLY
CLAIM SUBSTANTIATION

APPLICATION FORM

Manufacturers of Pet Foods and Pet Treats may submit products to the Glycemic Research Institute® Laboratories in order to obtain objective, third party substantiation of “LOW GLYCEMIC” and/or “DIABETIC FRIENDLY” in dogs.

No pet food that contains raw materials from China, or manufactured in China, will be accepted, due to U.S. government actions and interventions related to canine deaths from ingestion of ingredients/pet treats originating from China. No pet foods that contain any dangerous or banned ingredients will be allowed for testing.

GRI has the right to deny any pet food it deems as dangerous, potentially dangerous, or inappropriate for canine consumption. Additionally, and action or intervention or warnings taken against the client by the U.S. Food & Drug Administration or any other government or regulatory agency can cause a Test Food to be declined by GRI.

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Doc 10.2014 – Pet Food Application Form
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SUBMISSION ASSISTANCE: A Clinical Studies Coordinator will be assigned to work one-on-one with the client.

INSTRUCTIONS FOR SUBMISSION OF TEST FOODS

To submit a Pet Food product (herein the “Test Food”):

- 1) Fill out and sign the **Application Form** and the **Safety Guidelines** document (page 6) and submit via email to: Contact@Glycemic.com
- 2) The GRI/GRL Medical Advisory Board will review the application and respond via email or phone. Clients are assigned a Clinical Studies Coordinator who will work one-on-one to answer any questions, and to coordinate the project.
- 3) If the Pet Food product is accepted by GRI/GRL for any Testing & Certification Program, directions on submitting the Test Food (s) will be forthcoming.

PRESS RELEASE

Upon completion of the *Glycemic Research Institute*® Pet Food Testing phase, and subsequent approval by GRI of claims, the client may request an Official Press Release.

ASSISTANCE

To learn more about the Programs offered by the *Glycemic Research Institute*®, call 727.894.6900 or email contact@glycemic.com

COSTS

The costs for Pet Food Testing & Certification are available on the document: **COSTS: SCREENING, TESTING, CERTIFICATIONS**. The GRI/GRL Medical Advisory Board will review the Application form and product label, as well as the client’s desired legal label claims. Per this review, the client will be contacted by GRI.

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**Doc 10.2014 – Pet Food Application Form
GLYCEMIC RESEARCH INSTITUTE®
GLYCEMIC RESEARCH LABORATORIES**

SUBMISSION FEES

Submission fees are due prior to beginning the clinical trials. All fees are based on U.S. dollars. Payment may be in the form of a check, money order, or bank wire. Contact the Clinical Studies Coordinator (CSC) for bank wiring instructions.

SUBMISSION OF TEST FOODS

Approved Test Foods (products submitted to GRI) will be sent to the Official Glycemic Research Institute® Laboratories per *Test Food Submission Guidelines*. The Clinical Studies Coordinator will direct the client in all phases of the Application process.

TRIAL RESULTS

Following the Official Testing Phase, the client will be advised of the results in a written report. The final Official report is sent directly to the client. Follow-up conference calls are available to clients who wish to discuss the results of the final report.

GOVERNMENT REGULATIONS: GLYCEMIC CLAIMS

Per government regulations regarding Claims and label statements, the Glycemic Research Institute® does *not quantify* the Glycemic Response of any product *without GRI-approved Testing*. In Vitro studies are not accepted.

GLYCEMIC RESEARCH LABORATORIES
OFFICIAL LABORATORY of the GLYCEMIC RESEARCH INSTITUTE®
GLYCEMIC SOLUTIONS
111 Second Avenue N.E.
Suite 325
St. Petersburg, FL 33701
727.894.6900

PRODUCT SUBMISSION ASSISTANCE
CLINICAL STUDIES COORDINATOR
727.894.6900
contact@glycemic.com

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IMPORTANT GUIDELINES

for PET TEST FOOD SUBMISSIONS

LEGAL REQUIREMENTS FOR “LOW GLYCEMIC” CLAIMS ON PET FOODS, and Regulatory are found in the Glycemic Research Institute® document: “PETFOODFDAREGS2014.doc (available upon request).

- Test Foods submitted cannot be returned to the client.
- Any Test Food suspected of, or containing a pathogen or substance considered hazardous will be rejected.
- GRI/GRL reserves the right to refuse any product deemed unfit for canine consumption, or Test Foods that contain any ingredient known to possess potential health dangers in the canine, or ingredients that possess high glycemic properties.
- Test Foods accepted for submission must arrive in a sanitary condition in appropriate packaging.
- The Test Food must be packed with a label and ingredient panel, and Expiration Date, and must arrive in a satisfactory condition.
- Test Foods may *not* be physically submitted until the client has been contacted by the assigned Clinical Studies Coordinator. If the GRI/GRL Medical Advisory Board has determined that the Test Food (s) are acceptable for Testing, the client will be notified by a Clinical Studies Coordinator.
- GRI Pet Food Testing & Certification Programs are limited to ***Glycemic and/or Diabetic-Friendly*** screening and do not include any other perimeters of testing and/or screening and/or Certification.

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SAFETY GUIDELINES FOR PET TEST FOOD (S) CLIENT RESPONSIBILITIES

The client assures that the *Test Food* submitted is *safe and appropriate* for use for canine consumption, and that the label claims (provided with submission of the Test Food), are accurate.

In the event that a client submits a Test Food (s) that has an *inaccurate* or *false* label or ingredient panel (or submission document), and/or;

In the event that the client submits a Test Food under false pretenses, including providing false information about the Test Food and its ingredients or potential side effects, whether provided to GRI/GRL via phone, documents, conversations, etc., the client will be held legally responsible, and liable for any legal actions and subsequent financial liabilities taken against GRI/GRL regarding GRI's approval of the Test Food.

In the event of any legal issues between the client and GRI and/or GRL and/or Glycemic Solutions, the legal Venue will be limited to Pinellas County, State of Florida.

The client hereby accepts these terms, guidelines, and responsibilities as stated herein (in this document):

Name of Company Submitting Test Food

Address of Company Submitting Test Food

Website of Company Containing Product Information: _____

Client Printed Name (Corporate Executive)

Client Signature

PET FOOD TESTING

APPLICATION FORM

Name of Company Submitting Test Food

Address of Company Submitting Test Food:

Country _____

Phone _____

Website (where this Pet Food is advertised) _____

Name and Address of Manufacturer:

(Application Form Continued below)

Name of Pet Test Food Submitted

Description of Pet Test Food Submitted

If more than one Pet Test Food is being submitted, fill out one (1) Application Form for each product submitted, including different flavors.

Total Number of Pet Test Foods Submitted _____

Check each claim you are applying for:

___ Low Glycemic in Canine/Dogs

___ Diabetic-Friendly in Canine/Dogs

Do you intend to use the Glycemic Research Institute® Pet Food Seal/Certification on your submitted Pet Food? _____

SIGNATURE

Client Printed Name (Corporate Executive)

Client Signature

SUBMIT THIS APPLICATION FORM VIA Email to:

contact@Glycemic.com

GRIPETFOODS.com Phone 727.894.6900

GLYCEMIC RESEARCH INSTITUTE®

PET FOODS DIVISION

GRIPETFOODS.com

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*U.S. Government Accredited Certification Organization
Canadian Government Certification Organization
United Kingdom Government Certification Organization*

**Board Approved Human In Vivo Clinical Trials
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**Glycemic Research Institute®
Glycemic Research Laboratories
Glycemic Solutions, Inc.
St. Petersburg, FL 33701
727.894.6900
Glycemic.com
info@Glycemic.com**

**REGULATORY COMPLIANCE DOCUMENTS:
GRI Doc: PetFoodFDAREgs2014.doc**

Glycemic Research Institute® Certification documents can be viewed at the United States government website: USPTO.gov

U. S. government approved GRI Clinical Trials Protocols for FDA Claim Substantiation can be seen at: Glycemic.com

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Available upon Request

Below find the 2-page excerpt from this 28-page document

**GLYCEMIC RESEARCH INSTITUTE®
PET FOODS DIVISION
GRIPETFOODS.com**

LEGAL REQUIREMENTS FOR “LOW GLYCEMIC” CLAIMS ON PET FOODS

The United States Food & Drug Administration (FDA) is charged with the enforcement of the Federal Food, Drug, and Cosmetic Act (the Act). Under the Act, a part of FDA's responsibility is to ensure that *human and animal foods* are safe and properly labeled.

Within FDA, the **Center for Veterinary Medicine (CVM)** is responsible for the regulation of animal drugs, medicated feeds, food additives and feed ingredients, including pet foods.

The Food & Drug Institute (FDA) has declared that Pet Food *Health Claims and labeling* fall under the guidelines of the FDA NLEA (Nutrition Labeling and Education Act in 1990) and that CVM has incorporated the philosophy of NLEA in its policies in order to permit meaningful health information on pet foods.

The regulations based, in part, on this law are found in the *FDA Code of Federal Regulations*, Title 21, Food and Drugs. Under FDA guidelines, food is defined as "articles used for food or drink for *man or other animals*...and articles used for components of any such article."

Any human or pet food label that contains the words “Low Glycemic” *must* have *authoritative basis* for said claim* and must include the *reference on the label** in order to legally ensure that the label is truthful and not misleading per FDA 21CFR guidelines.

** Certified by the Glycemic Research Institute®*

GLYCEMIC RESEARCH INSTITUTE®

PET FOODS DIVISION: LOW GLYCEMIC CLAIM SUBSTANTIATION

- **Compliance with *FDA Code of Federal Regulations, Title 21, Food and Drugs guidelines (Pet Foods)***
- **Compliance with Food & Drug Institute (FDA) *Food Health Claims and Labeling Guidelines of the FDA NLEA (Nutrition Labeling and***

Education Act) and CVM NLEA policies in health information on pet foods.

ABOUT THE GLYCEMIC RESEARCH INSTITUTE®

For the past 30 years, the Glycemic Research Institute® has provided *Authoritative and Legal Claim Substantiation* for human and pet food labels, including:

BOARD CERTIFIED HUMAN IN VIVO CLINICAL TRIALS

- **U.S. GOVERNMENT AUTHORIZED CERTIFICATION PROGRAM**
- **UNITED KINGDOM GOVERNMENT CERTIFICATION PROGRAM**
- **CANADIAN GOVERNMENT CERTIFICATION PROGRAM**

CLINICAL STUDIES: INVESTIGATIONAL TRIALS

FDA & FTC FOODS & BEVERAGES CLAIM SUBSTANTIATION

- Compliance with *FDA Code of Federal Regulations, Title 21, Food and Drug Guidelines*
- Compliance with Food & Drug Institute (FDA) *Food Health Claims and Labeling Guidelines* of the FDA NLEA (Nutrition Labeling and Education Act)

CLINICAL ASSESSMENT

Foods, Beverages, Nutraceuticals & Pharmaceuticals

CLINICAL TRIALS FOR THE LARGEST FOOD & BEVERAGE COMPANIES IN THE WORLD (see partial listing at Glycemic.com)

GLYCEMIC.com