LeanMR™ Balanced Nutrition Shake Mix

Goal
To support weight/body fat reduction and maintenance by delivering better, satisfying nutrition in fewer calories throughout the day. LeanMR (meal replacement) is designed to accomplish this goal by: 1) delivering energy and nutrients with low calories to help increase voluntary daily activities; 2) increasing meal frequency within the necessary calorie allotment for weight/fat reduction or maintenance to support satiety, energy and activities; 3) delivering accurate portion sizes to help correct the otherwise common underreporting of calorie intake that often sabotages weight control; 4) incorporating a high whey protein and unique fiber formula to total calorie ratio to assist in maintaining lean body mass (LBM) and appetite control. Therefore, LeanMR is designed to provide maximum support for lean body mass (LBM), a steady supply of energy, and optimal fullness (satiety) within the fewest calories in order to improve the dieting experience, avoid typical plateaus, and accelerate results when compared to mass market meal replacements (MRs) or dieting without MRs.

Rationale
Dieting (calorie restriction) for weight loss and maintenance is difficult at best.1 During normal energy restriction, 25% of weight loss is from lean body mass/fat free mass, (LBM/FFM) 2,3 and more depending on the magnitude of the deficit.4,5,6 Although exercise helps protect LBM losses, by itself exercise is not a weight loss solution.7 Weight regain is all but inevitable for the majority of dieters based on the following energy restriction and weight reduction induced variables: 1) need to continuously decrease calorie intake to overcome obligatory plateaus caused by overall weight/LBM reduction and exercise induced fitness improvements (both conditions can lead to a slower metabolism);8,9,10,11 2) energy level decreases (e.g. daily fatigue); 3) increases in appetite/cravings;12 4) environmental obstacles and influences (e.g. easy access to palatable foods, advertising,5,13 time constraints, inability to increase daily/exercise activities, etc.).5,13 5) as mentioned above, exercise alone has been consistently shown to not be a weight loss solution deeming it essentially powerless due to the amount needed to achieve and sustain weight loss.14,15,16

Meal replacements (MRs) have become a modern day viable solution for many of the challenges and barriers to successful weight control.17 Therefore LeanMR has been designed to be a better MR than competitors by incorporating ingredients and macronutrient ratios (high protein, low fat) that best address obstacles to success including mood disturbance, fatigue, stress and/or diet dissatisfaction.18 Used individually, meal replacements, low carbohydrate-low glycemic index (GI) diets, high protein intake and types of proteins used, and moderate fat consumption have all shown positive effects on diet and weight maintenance outcomes and therefore all methods have been incorporated in the LeanMR formula.19

Protein and Weight Loss

High Protein Intake
Higher protein diets (25-50% of total calories or significantly greater than the RDA) which include low/moderate fat and/or low carbohydrate are generally more successful for weight loss than lower protein diets, at least in the short term.20 The basic mechanisms of action include greater satiety, increase in daily energy expenditure and fat oxidation,21,22 and preservation of LBM.5,23,24 Of all these actions of protein, whey protein compared to other sources appear to deliver superior outcomes when integrated into daily meal planning.21,25,26

Protein and Satiety
Of the three macronutrients, it is well known that protein is the most satiating, followed by carbohydrates, (CHO) and fats.27 Increased satiety has been demonstrated after meals with a protein content in the range of 25-81% of total calories and up to a point, at least in the short term, is relatively dose dependent.28
High protein diets decrease postprandial hunger and increase postprandial satiety.21 One reason for protein's superior effect on satisfying hunger may be protein's (amino acid content) modulation activity of MU-opioid receptors (MORs) which is similar to morphine. This signal goes to the brain to tell the intestines to release glucose and glucose suppresses appetite.21,29 Other protein satiety mechanisms include the following: 1) the direct effect of high amino acid circulation induces a vagal feedback to the satiety center of the nucleus tractus solitarius in the brainstem and the hypothalamus to suppress hunger,30 2) stimulation of cholecystokinin (CCK) release into the gut to slow gastric emptying,31 3) postprandial thermogenesis described below (increased oxygen demand);32 4) alterations in gluconeogenesis including hepatic and intestinal gluconeogenesis to better maintain glucose homeostasis.33,34 Clinical trials comparing protein sources suggest that whey protein has a greater effect in suppressing appetite through the aforementioned mechanisms.21,25

**Protein, Energy Expenditure and Lean Body/Fat Free Mass**

The thermic effect of food, also called diet-induced thermogenesis (DIT), is a metabolic response to food. Food intake transiently increases energy expenditure (EE) because of the work involved in nutrient digestion, absorption, transport, metabolism and storage. The DIT is generally expressed as a percentage increase in EE over the resting energy expenditure (REE) or basic metabolic rate (BMR). DIT values are greatest for protein (~15-30%), followed by carbohydrates, (~5-10%) and fat (~0-3%).35 Shown in a meta-analysis, the thermic effect of food (or DIT) increases ~7 calories of every 1,000 calories of ingested food for each 10% increase in the percentage of energy from protein.36 Example: someone consumes a 2,000-calorie diet with 30% protein; the thermic effect of food would be ~14 calories higher than if protein was 20% of the dietary energy. Together (higher DIT protein values and higher protein percentage of energy in the diet) it's been shown that subjects consuming diets consisting of 30-36% protein vs. 11-15% protein increased 24 hour EE by 213 calories/day (increase in REE against an equal calorie 11% protein diet) and 71 calories/day, respectively.37,38 Protein's DIT increase in EE is also related to its greater satiating properties because of the increase in oxygen demand to metabolize protein (particularly the high postprandial amino acid oxidation rate) which may also suppress appetite.32,39 And finally, Bray et al. compared overfeeding calories (all subjects consumed 40% excess energy) from fat in a low protein diet to overfeeding calories from protein in a high protein diet. Protein overfeeding resulted in significant increases in 24-hour EE, sleep EE and fat oxidation whereas the low protein diet did not, suggesting not only an increase in calories burned but also repartitioning of energy usage shifting to fat.40 The muscle sparing action of high protein diets, especially during energy restriction helps to maintain EE during weight reduction.5,22,24 Gordon et al. demonstrated that protein intake at twice the RDA reduced muscle loss by 300% during 20 weeks of an energy restricted diet (3.0 vs 9.5 lb loss in the low protein diet).41 Regardless if the energy deficit is created by exercise or food, high protein diets defend the obligatory muscle loss, thus total daily energy expenditure.42,43 For more information on high protein/amino acids mechanisms in defending LBM during energy restriction the reader is referred to The Assessment of Skeletal Muscle Proteolysis and the Regulatory Response to Nutrition and Exercise by Stefan M. Pasiakos and John W. Carbone et al.44

When considering skeletal muscle at rest burns ~6 calories/day and adipose tissue ~2.2 calories/day, the loss of both significantly lowers REE during prolonged weight reduction,45 contributing to common weight loss plateaus. Therefore the ability to preserve LBM during weight loss is paramount to not just maintaining energy expenditure but also physical performance, including injury prevention.5,43 Similar to whey protein's "better effect" on satiety compared to other proteins, whey protein has also been shown to be superior in enhancing muscle protein synthesis (MPS) during energy restriction, suggesting greater preservation in LBM during dieting.46

**Whey Protein**

All the above demonstrates protein's favorable weight control mechanisms. Furthermore, it's been demonstrated that whey protein appears to have greater influence on satiety,21,25,47 MPS, LBM preservation,26,46,47,48,49 fat oxidation, and body composition,21,26,47,50 when compared to other protein sources. Much of whey's added value may be due to its high leucine content and rapid amino acid absorption rate.26,49,51 Whey protein compared to other protein sources...
such as soy, red meat/steak, chicken, etc., has much more leucine. Twenty (20) grams of whey protein isolate contains three (3) grams of leucine. Comparatively, soy has only approximately 1.4 grams and most meats contain even less. Scientific data suggests that 2.5 grams and above of leucine may be that extra turning point for benefits when it comes to protein synthesis. Xu ZR et al. found that leucine supplementation alone is useful to address the age-related decline in muscle mass in elderly individuals because it increases the muscle protein fractional synthetic rate.

**Milk Proteins**

The main constituents of milk are considered functional foods, with direct impact on human health. Milk has two primary ‘fractions’ of proteins: casein and whey. Whey is the liquid portion making up approximately 20% of the total protein content of bovine milk with casein being 80% (human milk is 60/40 respectively). Processing, such as ultrafiltration and microfiltration create different whey protein products. The most utilized whey proteins include concentrate (about 80-95% of protein, with or without lactose), isolate (~90-95% of protein, normally without carbohydrates or cholesterol), hydrolyzed (smaller peptide fractions that are considered less allergenic but costly), and non-denatured (native protein structures).

**Whey Isolate in LeanMR**

For all these reasons whey protein isolate is the primary ingredient in the LeanMR formula including the fact that using the isolate form eliminates the normal cholesterol content found in whey fractions of milk proteins, which may be important to some weight loss participants. The whey isolate protein makes up 42% of the calories in one serving of LeanMR in order to meet the protein to calorie ratio requirements demonstrated in successful weight loss through mechanisms described above such as, but not limited to: 1) increasing daily energy expenditure; 2) delivering greater satiety following each daily usage as opposed to other protein sources and/or equal calories in different macronutrient percentages; and 3) preserving LBM during energy restriction. Additionally, users can adjust the macronutrient percentages to meet their overall daily needs.

**Sustained-Release Carbohydrate with Fibersol® Blend**

**Introduction**

Carbohydrates (CHO) are the preferred energy source for the body and along with their fiber content, CHO make its own contributions to satiety. Therefore the CHO, including a patented blend of fiber, are provided in a strategic ratio and form in the LeanMR formula to best assist in weight control. The 20 grams of whey protein is balanced with 24 grams of a low glycemic customized CHO blend, 7 grams of a patented fiber source and 2 grams of a specialized blend of healthy fats. These are all contained in 190 calories per serving, resulting in the desired macronutrient ratio (50% CHO, 42% protein, 8% fats) that best allows a meal replacement to help support daily meal planning for weight reduction as described above.

**Carbohydrates in Weight Loss**

Carbohydrates are important for energy production, especially for exercisers and athletes who desire to perform at their highest level. Efficient or rapid weight reduction can run counter to performance and therefore athletes/exercisers who desire weight loss must proceed judiciously in order to successfully accomplish both goals. Generally speaking, daily carbohydrate intake for athletes and exercisers should not be less than 40% of total daily caloric intake (TDCI) unless weight/fat reduction becomes the primary focus in order to make a weight class or compete in physique competitions where body fat level requirements are extremely low. For these competitors, as calories continue to lower and fat intake is minimal, carbohydrates are the only dispensable food because the protein is needed to help preserve LBM and it can be converted to energy whereas carbohydrate only performs the later. During prolonged calorie restriction the body will decide it’s immediate needs and only protein’s components (amino acids) can be used for both energy and building/maintaining tissues. The lower the
For most non-competitive adult exercisers (e.g. walkers, gym members exercising one (1) hour, 3-5 times per week recreational biking, etc.) carbohydrate intake is not nearly as important as it is for performance athletes, unless individual exercise sessions last more than an hour.58 However, exercisers attempting to lose body fat should also try to keep carbohydrates to no less than 40% of TDCI unless unusual circumstances come into play such as those described above or for medical reasons. For weight reduction, the determining factor is calories in against calories out, (calorie balance)64,65,66,67 but the daily calorie intake that allows the desired weight loss rate should be made up of what makes one feel better throughout the day, which can lead to more voluntary activity, thus more calories burned and potentially greater weight loss and maintenance.58,69 In other words, up to a point, it sometimes takes calories from carbohydrates to burn more calories because carbohydrates are the body's preferred energy source.70 Our general recommendation for dieters (non-athletes), once the dotFIT program establishes how many daily calories allow the desired rate of weight/fat loss, is 40-50% CHO (primarily low glycemic because they're generally healthier and often contains fiber that can add to satiety*), 25-35% protein, (low/non-fat dairy, lean meats, appropriate vegetable proteins, etc.) and 20-35% fat (primarily unsaturated). Most of the carbohydrates would be consumed throughout the day before the last evening meal so that energy levels would be at their highest for exercise and/or daily activities.5,62,71,72

Compared to other daily calorie ratios of macronutrients, this recommendation including meal frequencies73,74 would allow the majority of dieters to improve overall daily performance and avoid many unpleasant factors commonly associated with dieting such as hunger, loss of LBM, stress and low energy levels, all while potentially performing better workouts.5,18,75 Properly formulated meal replacements can be a big part of this overall equation.

* High glycemic carbohydrates (refined grains/sugars, etc.) break down and enter the body faster than lower glycemic foods (fibrous, whole grains, etc.) and depending on which foods accompany the carbohydrate during a meal, high GI CHO consumption can negatively affect hunger/cravings, satiety, blood sugar and ultimately heath.76,77 The glycemic index (GI) is defined as the incremental area under the blood glucose curve after ingestion of a test food, expressed as a percentage of the corresponding area following an equivalent load of a reference carbohydrate, either glucose or white (wheat) bread.78 Low glycemic diets have been associated with healthier outcomes76,77,79 including improved blood sugar control and insulin sensitivity80 and a longer feeling of fullness.81

**LeanMR Carbohydrate Blend**

The combination of rice oligodextrins (low glycemic carbohydrate source containing 4-10 units),82 Palatinose™ (generic name Isomaltulose), Glucomannan (a soluble fiber) and Fibersol-2™ (functional soluble fiber) may allow users of the LeanMR mix to experience even and prolonged energy levels and greater satiety when compared to an equal caloric load of higher glycemic carbohydrates,83,84 and especially when combined with whey protein.85

**Palatinose™** is a low glycemic functional carbohydrate that delivers prolonged energy due to its unique structure and low insulminic response.86,87 With its slow but complete absorption, Palatinose™ provides constant and extended streams of energy for muscles and the brain. This energy source lasts over a longer period when compared to quickly absorbed carbohydrates.83,86,88

**Fibersol-2™** is a soluble fiber and is included in this formula to help deliver dietary fiber’s positive impact on health and weight control/appetite.89 Fibersol-2, digestion resistant maltodextrin, is a dietary fiber. This classification is consistent with both the American Association of Cereal Chemists’ and the Food and Nutrition Board of the National Academy of Sciences’ (NAS) definitions of dietary fiber. In both cases, Fibersol-2, digestion resistant maltodextrin, is classified as “resistant maltodextrin,” and in both cases, “resistant maltodextrin” is classified as a dietary fiber. Fiber is extremely important in a weight control program because it produces the feeling of fullness sooner and longer when added to a meal.90 Fibersol-2™ doesn’t affect taste nor does it interfere with mineral or calcium absorption,
traits that are common among other fibers. Because Fibersol-2™ is fermented slowly, it produces less acid and gas than most soluble fibers. A randomized, double-blind, placebo controlled crossover study demonstrated in healthy subjects that 10 grams of Fibersol-2 with a meal stimulated production of satiety hormones and enhanced satiety. All these traits make Fibersol-2™ the ideal fiber to include in a meal replacement formula and is therefore included in the LeanMR mix. The user receives the benefits of a “better fiber” in a convenient delivery system without fiber’s sometimes less desirable effects (taste, gas, bloating, etc.). Studies have shown Fibersol-2™ to improve bowel regularity, exert a positive effect on blood glucose, lower cholesterol and serum triglycerides, increase probiotic levels (good bacteria) and help keep the digestive tract clean and healthy. Additionally, Fibersol-2™ has been granted GRAS (generally regarded as safe) status by the Food and Drug Administration (FDA).

**Glucomannan (GM)** is a soluble fiber added to LeanMR because it has been clinically shown to beneficially affect total cholesterol, LDL cholesterol, body weight and fasting blood glucose. Glucomannan has been used within fiber mixtures successfully in clinical trials related to improved weight loss, satiety and decreases in LDL-cholesterol. While a study using 1.33 grams of GM showed no benefits in body composition or weight loss, there is evidence that GM exerts its beneficial effects at 2-4 grams a day by promoting satiety and fecal energy loss. Additionally, GM has been shown to improve lipid and lipoprotein parameters and glycemic status.

**Healthy Dietary Fat Blend**
As mentioned above, although fats make the least contribution to satiety, they do make a unique necessary contribution. Therefore to complete the desired percentages of total calories with 8% from fats, LeanMR includes a combination of healthy polyunsaturated fats including flaxseed powder, high oleic sunflower oil and conjugated linoleic acid (CLA) supplied by Tonalin.

**Meal Replacements for Weight Control**
Early studies demonstrated the use of meal replacements (MRs) to be an effective aid to weight reduction and in almost all cases are more effective than conventional methods of dietary restriction. Additionally, MRs were shown to be just as effective as dietary restriction combined with pharmacological therapy and an important continuing protocol for maintaining weight loss. By 2009, meal replacements had risen to the "evidence-based" category as a weight loss and maintenance treatment.

![Figure 1: In a 1-year follow-up in the groups that were tracked, the subjects still using meal replacements maintained significantly more weight loss than the RCD group.](image-url)
Figure 2: In all six studies the groups that were using meal replacements (PMR) as part of their overall calorie intake lost significantly more weight than the reduced calorie diet (RCD) group.\textsuperscript{108}

As was shown in 2005 by Johansson et al. MRs were the among the most successful diet and maintenance therapies.\textsuperscript{17} The researchers compared anti-obesity drugs, high protein diets and MRs in weight loss and maintenance and found a 26 pound loss was maintained for 22 months, 22 lbs lost for 6 months, and 28 lbs lost for 18 months respectively, demonstrating MRs greater efficacy.\textsuperscript{17}

Figure 3 - Bodyweight change during the very low-calorie diet or low-calorie diet period followed by the weight loss maintenance period. The thin lines represent the control subjects in each category while the thick lines represent the active intervention. (Adapted from Johansson et. al. 2013)\textsuperscript{17}
Meal replacements may be especially important in maintaining weight loss from low (800-1,200) or very low (400-800) calorie diets.122 They have also been used successfully as a weight loss therapy in subjects who eventually returned to traditional foods during a year-long program where most participants maintained the weight lost within guidelines.123 In the same vein, Basciani et al. started subjects on 4 MRS/day and weaned them to one/day after 60 days. Subjects lost 15% of body weight and improved metabolic parameters; deeming the protocol effective, safe and well tolerated for weight control.124

- Frestedt et al. used a MR mix twice daily within a 500-calorie deficit diet and found the MR aided weight loss by curbing hunger.125
- Whitham C et al. found that structured support using MRS for 24 weeks followed by 28 weeks of self-care can result in weight maintenance.126
- Ames GE et al. determined that subjects who lost 18% of body weight on a liquid MR program also recorded self-selected maintenance behaviors. The most commonly reported daily behaviors were self-weighing, use of meal replacements and step counting.127
- Theim KR et al. found the use of MRS during weight loss improved use of weight control behaviors, increased weight lost, and hedonic (susceptibility to environmental cues) hunger decreased.128
- Khoo J et al. had obese men with lower urinary tract symptoms (LUTS) use either restricted diet alone or restricted diet with MRS and found weight loss and relief of LUTS similar, but the MR group produced greater reduction in fat intake, adiposity and storage of LUTS.129

Finally, meal replacements appear to be a viable solution in everyday life not only as an initial weight loss and weight maintenance aid but continued use appears to improve overall diet quality.130 During a one year follow up to weight loss, Raynor et al. found that a greater percentage of participants consuming two or more meal replacements per day than participants consuming less than one meal replacement per day met most fat-related and food group recommendations. They also consumed more servings of fruits and vegetables. The conclusion was that the partial meal replacement plan was related to superior diet quality.130

Summary of Mechanisms of Action for Meal Replacements

- **Portion control:** people generally attempt to consume meals to completion,131,132,133 therefore meal portion size significantly impacts a person’s total calorie intake.131,134,135 Overwhelming evidence validates that the smaller the portions, the fewer daily calories consumed and vice-versa.134 Use of portion-controlled meals has proven to yield greater weight loss than conventional diet therapy alone,130,136,137,138,139 and accurate calorie counts of total daily food intake when compared to having to estimate the calories of self-prepared or unmarked meals.140,141,142
- **Satiety:** use of a properly formulated MR such as the LeanMR™ mix allows the user to increase the frequency of daily meals necessary to assist weight reduction while managing calories.73,74,120,130 This along with whey protein, fiber, and low GI carbohydrate content would help satisfy appetite and increase daily energy levels.21,25,83,84,91,125,128 Proper use throughout the day can deliver good nutrition while helping to save calories, allowing the user to partake in larger meals or favorite foods at desired times (e.g. higher calorie lunches and/or dinners).
- **Preserve LBM and energy expenditure:** frequent feedings of higher whey protein to total daily calorie ratio protects lean body mass losses from dieting to help maintain total daily energy expenditure and performance, which is otherwise compromised when consuming only a restricted conventional diet.5,18,21,22,23,24,109,110

Successful use of Meal Replacements Within the Daily Meal Planning

Extrapolated from the successful trials described above, the following is the suggested MR usage to safely and effectively aid in weight loss and maintenance.
Overall diet
For weight loss, at least initially, we generally recommend the overall daily diet (traditional foods and MRs combined) to contain ~40-50% CHO, 25-35% protein and 20-35% fat. Individuals can then adjust for personal satisfaction as long as total daily calories remain in proper amounts for desired weight loss. Use the dotFIT program sample menus to get started and adjust to preferences and performance.

Meal Replacement Integration

Weight loss phase:
• Except in the early stage of diets where MRs may be used extensively in daily meal planning (often physician monitored and sole/predominant food source), MRs are generally used to replace two meals a day and allow freedom of choice from traditional foods for the remaining allotted meals and calories.
• MRs may supply two small meals within any calorie restricted meal plan of 4-5 meals since it's been shown that frequent small meals are better for weight loss than fewer larger ones especially as it relates to satiety, preservation of LBM and energy levels,\textsuperscript{73,74,120,121,130,143}

Maintenance phase
• Consume 4-5 small meals daily that include two (2) MRs for convenience and to help ensure overall diet quality while reducing food costs.\textsuperscript{130,143}

LeanMR Formulation
This formula is based on all the scientific data presented above. The specific macronutrient ingredients and ratios were selected in accordance with best potential weight control outcomes shown in clinical trials such as but not limited to: 1) protein type (whey isolate) and amount (~42%), 2) CHO source (low GI sustained release) and amounts (~50%), and 3) dietary fat sources (unsaturated) and amounts (~8%, which allows users to add daily fats as necessary). As an addition to the daily diet, these ingredients and their ratios along with usage recommendations would give the user best chances of improved satiety, preservation of LBM and energy expenditure while ameliorating the common discomforts of dieting when compared to other MRs formulas, restricted calorie diets alone, or diet-drug therapies.

190 calories per serving supplies:
• 21 grams of the highest-quality whey isolate protein to protect LBM and energy expenditure and improve satiety.
• 24 grams of a Sustained Release Patented Carbohydrate Blend with 6-7 grams of fiber (Fibersol-2\textsuperscript{®} and Glucomannan) and no sugar to deliver immediate and long-lasting energy and fullness.
• 2 grams of healthy fats with only 10 mg of cholesterol.
• 108-115 mg of calcium.

Summary
Purpose
The LeanMR™ mix is designed to be used primarily as a satisfying and healthy meal replacement that supports body fat/weight loss goals and weight maintenance more effectively than competitive products. It is designed to deliver high satiety and nutrition in fewer calories:
• Supplies nutrient-rich, convenient snacks between meals to boost energy, curb hunger and assist in weight control by controlling calories and protecting LBM and energy expenditure (calorie burning).
Can also be used for “snacking,” which may decrease the amount of food consumed in the subsequent meal or prevent one from making an inappropriate food choice or binging (e.g. high-calorie meal driven by an uncontrolled craving) as often happens when overly hungry, particularly during weight loss.

Unique Features

- Contains the highest quality whey protein isolate
- Proprietary blend of carbohydrates, including functional fibers, deliver a “better lasting” energy and satiety to support aggressive weight loss goals.
- Contains no aspartame or sugar and relatively low sodium.
- 6-7 grams of fiber for satiety and health (including helping to maintain the integrity of the digestive track and bowel regularity).
- Healthy blend of essential fats.
- Designed in a synergistic relationship with all dotFIT products and a person’s traditional food intake. It is not spiked with unnecessary nutrients. Most other products in this space (e.g. bars, shakes, etc.) are heavily spiked with many nutrients, leading to undesirable levels within the body when combining multiple manufacturers, products and normal food intake.
- When consuming only dotFIT products as directed with one’s normal daily food intake, the recipient is assured of keeping the body at a safe and optimal nutrient level.
- Formulated and manufactured for great taste and pleasing texture in a regularly inspected NSF certified facility, in compliance with Good Manufacturing Practices (GMPs) exclusively for dotFIT, LLC

Supplement Facts

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Sustained Release Carbohydrates Blend 19.5 g
- Rice Oligodextrins, Digestion Resistant
- Maltodextrin (Fibersol-2), Isomaltulose,
- Glucomannan

Lean Fats Blend 2.5 g
- Flaxseed Powder, High Oleic Sunflower Oil, Conjugated Linoleic Acid

* Percent Daily Value based on a 2,000 Calorie Diet
** Daily Value Not Established
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This information is educational material for dotFIT certified fitness professionals. This literature is not to be used to imply that dotFIT products may diagnose, cure or prevent disease.