



Use under medical supervision.

Abbott Metabolic Formulas

Ketonex™ is part of an extensive line of medical foods from Abbott, makers of Similac®



Information for the U.S. products. Please refer to the Canadian product label for the list of ingredients and nutritional information for products available in Canada.



FOOD LIST FOR Maple Syrup Urine Disease



IMPORTANT PHONE NUMBERS

Metabolic Dietitian: _____

Metabolic Physician: _____

Other: _____

Goals: _____

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INTRODUCTION

FOOD GUIDE FOR MSUD

This guide for Maple Syrup Urine Disease (MSUD)-restricted meal plans identifies the amount and type of food permitted each day and can make checking and balancing meals much easier. Careful eating will help control blood levels of isoleucine (ILE), leucine (LEU), and valine (VAL), with positive effects on health.

ILE, LEU, AND VAL IN THE BODY

Many foods contain ILE, LEU, and VAL, three of the 20 amino acids that compose protein. Because of their chemical structure, ILE, LEU, and VAL are described as branched-chain amino acids (BCAAs) and are frequently grouped together. When protein is digested, amino acids are split off and absorbed for use in the body.

When BCAAs are unable to be split from the protein during digestion, the body cannot handle all the ILE, LEU, and VAL coming, and MSUD symptoms result, such as delays in development, vomiting, seizures, and a maple syrup or burnt caramel urine, sweat, and ear wax odor. Limiting protein intake reduces ILE, LEU, and VAL intake so there is less chance BCAAs will build up in the body.

Normal growth and development depend on protein. However, people with MSUD who eat enough protein to meet their needs, get too much BCAAs. To get enough protein and not get too much BCAAs, a special medical food that is high in protein and free of ILE, LEU, and VAL is necessary. Ketonex®-1 and Ketonex®-2, provide protein (without the ILE, LEU, and VAL), energy, vitamins and minerals. Table 1 lists the steps in preparing Ketonex®. **Ketonex®-1 and Ketonex®-2 are to be used under the supervision of a doctor.**

Table 1. Preparation of Ketonex™ Medical Food

| Step | Instructions |
|------|--|
| 1 | Mix a 24-hour supply of Ketonex® medical formula all at once or in individual servings as instructed by your metabolic dietitian. |
| 2 | Carefully follow mixing instructions on the Ketonex® label. Do not mix longer than instructed. |
| 3 | Refrigerate the formula after mixing. |
| 4 | Use medical food within 24 hours after mixing. |
| 5 | For an infant, Ketonex®-1 mixture stored in bottles in the refrigerator may be warmed before feeding. Do not heat mixture above 100°F (37.7°C) or add hot water. Heat can cause vitamin loss. |
| 6 | For a toddler or older child/adult, Ketonex®-2 mixture may be consumed plain, chilled, or flavored. Recipes for flavoring Ketonex®-2 are found in the MSUD family guide and on pp 78-79 of this guide. |



Foods NOT ALLOWED in BCAA-restricted meals

- Cheese & dairy
- Dried beans & peas
- Eggs
- Fish & other seafood
- Meat
- Nuts
- Nut butters
- Poultry
- Seeds

Foods TO LIMIT in BCAA-restricted meals

- Bread
- Crackers
- Fruit
- Fruit juices
- Low-protein cereals
- Popcorn
- Potato chips
- Special low-protein foods
- Vegetables
- Vegetable juices

TIPS

- Keep a list of your individualized goals (set by you and your health care team) on the inside cover of this guide (write in pencil).
- The amount of LEU can be calculated using milligrams (mg) estimated from protein content of food.

• How do you know if products are BCAA-free by reading the label?

– A label may state that there is “0” protein. The zero or “0” is a rounded figure and the product may contain up to 0.49 grams of protein per serving. Check with your dietitian or look to see if any of the ingredients may contain BCAAs.

• How do you estimate the amount of LEU in a food if you only know the protein content?

– There is approximately 70 mg LEU in each gram of protein for breads and cereals, 50 mg of LEU in each gram of protein for vegetables, and 40 mg LEU in each gram of protein for fruits.

– Here are some examples:

- ◆ Package of crackers has 1.2 grams (g) of protein
 - $1.2 \text{ g} \times 70 = 84 \text{ mg LEU}$
- ◆ Canned mixed vegetables have 1 g of protein
 - $1 \text{ g} \times 50 = 50 \text{ mg LEU}$
- ◆ Fruit leather have 0.5 g of protein
 - $0.5 \text{ g} \times 40 = 20 \text{ mg LEU}$

Remember, food labels may use “rounded” figures, so this calculation is only an estimate.

- For greatest accuracy, weigh foods on a scale that reads in grams (g). If a scale is not available, use approved measuring cups and spoons for measuring portion sizes. Table 2 lists equivalent measurements, and Table 3 provides metric conversion factors.
- Other references may use 60 mg LEU as a way to estimate mg of LEU for all food groups. Again, this is not an exact measure but can be used as well.



Table 2. Measurement Equivalents

| | | |
|------------------------|---|-------------------------|
| 1 (tbsp) | = | 3 teaspoons (tsp) |
| 1/16 cup (c) | = | 1 tbsp |
| 1/8 c | = | 2 tbsp |
| 1/6 c | = | 2 tbsp + 2 tsp |
| 1/4 c | = | 4 tbsp |
| 1/3 c | = | 5 tbsp + 1 tsp |
| 3/8 c | = | 6 tbsp |
| 1/2 c | = | 8 tbsp |
| 2/3 c | = | 10 tbsp + 2 tsp |
| 3/4 c | = | 12 tbsp |
| 1 c | = | 16 tbsp |
| 8 fluid ounces (fl oz) | = | 1 c |
| 1 pint (pt) | = | 2 c |
| 1 quart (qt) | = | 2 pt |
| 4 cups (c) | = | 1 qt |
| 1 gallon (gal) | = | 4 qt |
| 16 ounces (oz) | = | 1 pound (lb) |
| 1 milliliter (mL) | = | 1 cubic centimeter (cc) |
| 1 inch (in) | = | 2.54 centimeters (cm) |

**Table 3. Metric Conversion Factors**

Multiply the item in column 1 by the number indicated to calculate the equivalent amount in column 2.

Example: 5 fluid ounces x 30 = 150 grams

| Column 1 | multiply by | Column 2 |
|----------------------|-------------|------------------|
| fluid ounces (fl oz) | x 30 | = grams (g) |
| ounces (dry) (oz) | x 28 | = grams (g) |
| grams (g) | x 0.035 | = ounces (oz) |
| grams (g) | x 0.0022 | = pounds (lb) |
| kilograms (kg) | x 2.2 | = pounds (lb) |
| pounds (lb) | x 454 | = grams (g) |
| pounds (lb) | x 0.454 | = kilograms (kg) |
| quarts (qt) | x 0.95 | = liters (L) |
| liters (L) | x 1.05 | = quarts (qt) |
| gallons (gal) | x 3.79 | = liters (L) |

To convert from metric (column 2) to the English system (column 1), divide the item in column 2 by the number to calculate the equivalent in column 1.

FOOD LISTS

A metabolic dietitian and team of health care providers will provide a detailed meal plan for the amount of BCAAs and protein to eat daily. The food lists below will help you choose foods to manage your MSUD diet. Each list is divided into groups with serving sizes that have similar amounts of BCAAs: Breads/cereals, fruits, vegetables, fats, free foods A and free foods B. Check with your dietitian before eating any food that is not listed. When your child is young and has a small appetite, it is sometimes tempting to offer foods that are higher in BCAAs to meet his/her needs. Your child may learn to like these foods that are higher in BCAAs and it becomes difficult to restrict these foods as his/her appetite increases. As a child grows older, free foods high in energy that contain little or no BCAAs may be added to the meal plan to meet energy needs. Remember, however, that too many free foods can cause obesity or dental caries (tooth decay).

BABY FOODS[†]

Serving Lists for BCAA-Restricted Foods – Baby Foods*

| Food | Weight (g) | Approx. Household Measure |
|--|------------|---------------------------|
| <i>For greatest accuracy, weigh food on scales that read in grams. All measures are level.</i> | | |
| BREADS AND CEREALS | | |
| Baked Finger Snacks, Graduates® | | |
| Animal crackers | 8 | 2 crackers |
| Apple cinnamon bar | 19 | 1 bar |
| Arrowroot cookies | 10 | 2 cookies |
| Baby Mumum Rice Rusk | 8 | 4 rusks |
| Banana cookies | 8 | 1 cookie |
| Biter biscuits | 11 | 1 biscuit |
| Cereal Snackin Squares | 20 | 12 pieces |
| Strawberry Banana Bar | 19 | 1 bar |
| Strawberry bar | 10 | 1-1/3 bar |
| Veggie crackers | 7 | 10 crackers |
| Wagon Wheels, fruit | 7 | 4 pieces |
| Wagon Wheels, vegetable | 7 | 4 pieces |
| Yogurt melts | 7 | 27 pieces |
| Cereals, Dry | | |
| Barley | 3.5 | 1 Tbsp |
| Multigrain | 3.5 | 1 Tbsp |
| Oatmeal | 3.5 | 1 Tbsp |
| Oatmeal with bananas | 3.5 | 1 Tbsp |
| Oatmeal with mixed fruit | 3.5 | 1 Tbsp |
| Rice | 3.5 | 1 Tbsp |
| Rice with apple | 2 | 1 Tbsp |
| Rice with apples bits | 3.5 | 1 Tbsp |
| Rice with bananas | 3.5 | 1 Tbsp |
| Rice with mixed fruit | 3.5 | 1 Tbsp |

*The food values are equivalent for Gerber®, Beech-Nut®, and Heinz® unless otherwise stated.

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 34 | 17 | 20 | 6 | 1 | 0.5 | 36 |
| 52 | 24 | 31 | 14 | 1.4 | 0.1 | 70 |
| 56 | 26 | 31 | 7 | 2 | 0.9 | 46 |
| 35 | 21 | 27 | 7 | 0 | 1 | 31 |
| 33 | 19 | 23 | 6 | 1 | 0.5 | 34 |
| 79 | 38 | 44 | 9 | 0.6 | 1 | 43 |
| 85 | 41 | 49 | 15 | 2 | 1.3 | 84 |
| 44 | 20 | 26 | 13 | 2 | 0.7 | 70 |
| 32 | 16 | 18 | 8 | 1 | 0.5 | 41 |
| 35 | 18 | 21 | 5 | 1 | 0.6 | 34 |
| 46 | 18 | 22 | 6 | 0.1 | 0.5 | 27 |
| 61 | 19 | 21 | 5 | 0.7 | 0.6 | 29 |
| 96 | 50 | 57 | 5 | 0 | 1 | 30 |
| 30 | 16 | 21 | 2 | 0 | 0.5 | 13 |
| 30 | 15 | 20 | 3 | 0 | 0.2 | 14 |
| 38 | 20 | 27 | 2 | 0 | 0.5 | 14 |
| 34 | 18 | 24 | 3 | 0 | 0.4 | 14 |
| 29 | 14 | 19 | 3 | 0 | 0.4 | 14 |
| 20 | 10 | 16 | 3 | 0 | 0.3 | 14 |
| 9 | 4 | 6 | 2 | 0 | 0.1 | 8 |
| 19 | 9 | 12 | 3 | 0 | 0.2 | 14 |
| 29 | 16 | 19 | 3 | 0 | 0.2 | 13 |
| 20 | 9 | 13 | 3 | 0 | 0.3 | 14 |

BABY FOODS[†]

| Food | Weight (g) | Approx. Household Measure |
|---|---------------|------------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Cereals, Jarred | | |
| Strained/2nd Foods® | | |
| Banana oatmeal peach | 16 | 1 Tbsp |
| | 113 | 1 jar |
| Oatmeal with applesauce and bananas | 16 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Oatmeal with pears and cinnamon | 16 | 1 Tbsp |
| | 99 | 1 jar |
| Rice with applesauce | 16 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Rice with apple and mango | 16 | 1 Tbsp |
| | 99 | 1 pack |
| Rice with applesauce and bananas | 16 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Junior/3rd Foods® | | |
| Mixed cereal with apple and bananas | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Oatmeal with apple cinnamon | 15 | 1 Tbsp |
| | 170 | 1 jar (4 oz) |
| Oatmeal with applesauce and bananas | 170 | 1 jar (6 oz) |
| Rice with mixed fruit | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| FRUITS | | |
| Strained/1st Foods® | | |
| Applesauce | 15 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Bananas | 15 g | 1 Tbsp |
| | 71 g | 1 jar |
| Peaches | 16 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Pears | 16 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Prunes | 15 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |

[†]The food values are equivalent for Gerber®, Beech-Nut®, and Heinz® unless otherwise stated.

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|------------|------------|----------------|------------------|
| 14 | 6 | 9 | 3 | 0 | 0.2 | 13 |
| 102 | 40 | 64 | 20 | 0 | 1.4 | 87 |
| 16 | 8 | 11 | 3 | 0 | 0.2 | 12 |
| 112 | 55 | 77 | 20 | 1 | 1.5 | 94 |
| 16 | 8 | 11 | 3 | 0 | 0.2 | 13 |
| 101 | 51 | 69 | 16 | 1 | 1 | 70 |
| 10 | 5 | 6 | 3 | 0 | 0.1 | 13 |
| 76 | 37 | 51 | 24 | 0 | 0.9 | 102 |
| 8 | 4 | 6 | 3 | 0 | 0.2 | 11 |
| 48 | 24 | 35 | 18 | 0 | 1 | 70 |
| 19 | 8 | 11 | 3 | 0 | 0.2 | 13 |
| 132 | 54 | 77 | 19 | 0 | 1.4 | 90 |
| 14 | 6 | 8 | 3 | 0 | 0.2 | 12 |
| 167 | 73 | 100 | 29 | 1 | 2.4 | 133 |
| 12 | 6 | 8 | 2 | 0 | 0.2 | 10 |
| 145 | 66 | 90 | 25 | 1 | 1.9 | 116 |
| 170 | 83 | 117 | 27 | 1 | 2.2 | 128 |
| 14 | 7 | 10 | 3 | 0 | 0.1 | 12 |
| 160 | 80 | 114 | 31 | 0 | 1.5 | 139 |

BABY FOODS[†]

| Food | Weight (g) | Approx. Household Measure |
|---|---------------|------------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Strained/2nd Foods® | | |
| Applesauce | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Apple cherry | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Apple blackberry | 15 | 1 Tbsp |
| | 113 | 1 pack |
| Apple blueberry | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Apple mango kiwi | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Apple strawberry banana | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Apple sweet potato | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Apricot with mixed fruit | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Bananas | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Banana apple pear | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Banana Mango | 15 | 1 Tbsp |
| | 99 | 1 pouch |
| Banana mixed berry | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Banana orange medley | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Banana apple pear | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Banana plum grape | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Banana Peach Granola | 15 | 1 Tbsp |
| | 113 | 1 pack |
| Peaches | 16 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Pears | 16 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |

[†]The food values are equivalent for Gerber®, Beech-Nut®, and Heinz® unless otherwise stated.

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|------------|------------|----------------|------------------|
| 2 | 2 | 2 | 2 | 0 | 0 | 8 |
| 11 | 11 | 11 | 14 | 0 | 0.2 | 58 |
| 2 | 1 | 1 | 2 | 0 | 0 | 8 |
| 11 | 7 | 9 | 16 | 0 | 0.2 | 64 |
| 2 | 1 | 2 | 2 | 0 | 0 | 8 |
| 14 | 6 | 11 | 14 | 0 | 0 | 57 |
| 2 | 2 | 2 | 2 | 0 | 0 | 8 |
| 11 | 11 | 11 | 14 | 0 | 0.2 | 57 |
| 6 | 2 | 4 | 2 | 0 | 0 | 9 |
| 49 | 18 | 33 | 16 | 0 | 0.2 | 67 |
| 3 | 2 | 2 | 2 | 0 | 0.1 | 9 |
| 20 | 14 | 14 | 16 | 0 | 0.3 | 68 |
| 2 | 1 | 2 | 2 | 0 | 0.1 | 9 |
| 18 | 10 | 14 | 16 | 0 | 0.3 | 64 |
| 4 | 2 | 3 | 2 | 0 | 0.1 | 9 |
| 29 | 15 | 22 | 16 | 0 | 0.7 | 68 |
| 13 | 4 | 8 | 3 | 0 | 0.2 | 14 |
| 103 | 29 | 67 | 24 | 0 | 1.2 | 103 |
| 11 | 4 | 6 | 3 | 0 | 0.1 | 13 |
| 79 | 27 | 48 | 23 | 0 | 1 | 96 |
| 10 | 4 | 7 | 3 | 0 | 0.2 | 12 |
| 63 | 26 | 45 | 21 | 0 | 1 | 80 |
| 11 | 4 | 7 | 3 | 0 | 0.2 | 13 |
| 82 | 29 | 55 | 24 | 0 | 1.2 | 101 |
| 10 | 4 | 6 | 3 | 0 | 0.2 | 14 |
| 73 | 27 | 46 | 25 | 0.2 | 1.1 | 106 |
| 11 | 4 | 6 | 3 | 0 | 0.1 | 13 |
| 79 | 27 | 48 | 23 | 0 | 1 | 96 |
| 10 | 3 | 6 | 4 | 0 | 0.2 | 15 |
| 75 | 26 | 46 | 27 | 0 | 1.2 | 113 |
| 13 | 6 | 9 | 3 | 0 | 0.2 | 12 |
| 97 | 47 | 69 | 23 | 1 | 1.1 | 91 |
| 4 | 2 | 3 | 2 | 0 | 0.1 | 9 |
| 28 | 16 | 22 | 17 | 0 | 0.8 | 71 |
| 3 | 2 | 2 | 3 | 0 | 0.1 | 11 |
| 23 | 14 | 18 | 20 | 0 | 0.5 | 82 |

BABY FOODS†

| Food | Weight (g) | Approx. Household Measure |
|---|-----------------------|--------------------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Pear pineapple | 16 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Pear squash | 14 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Pear Strawberry Granola | 15 | 1 Tbsp |
| | 113 | 1 pack |
| Pear wild blueberry | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Plum apple | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Prune apple | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Junior/3rd Foods® | | |
| Applesauce | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Apple banana | 142 | 1 container |
| Apple pear raspberry | 142 | 1 container |
| Apricot with mixed fruit | 16 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Bananas | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Banana pineapple | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Banana strawberry | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Banana apple strawberry | 142 | 1 container |
| Peaches | 16 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Pears | 16 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Plum apple | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Fruit Pick Ups, Graduates™ | | |
| Apple dices | 128 | 1 tray |
| Peach dices | 128 | 1 tray |

†The food values are equivalent for Gerber®, Beech-Nut®, and Heinz® unless otherwise stated.

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|------------|------------|------------|--------------------|--------------------|------------------------|--------------------------|
| 3 | 2 | 2 | 2 | 0 | 0.1 | 8 |
| 23 | 14 | 18 | 15 | 0 | 0.5 | 64 |
| 6 | 4 | 4 | 1 | 0 | 0.1 | 7 |
| 49 | 29 | 36 | 12 | 0 | 1.1 | 53 |
| 12 | 6 | 8 | 3 | 0 | 0.2 | 12 |
| 87 | 45 | 62 | 21 | 1 | 1.1 | 91 |
| 2 | 1 | 2 | 2 | 0 | 0.1 | 10 |
| 18 | 9 | 11 | 17 | 0 | 0.5 | 73 |
| 2 | 1 | 1 | 2 | 0 | 0.1 | 8 |
| 12 | 7 | 8 | 14 | 0 | 0.3 | 60 |
| 3 | 2 | 2 | 3 | 0 | 0.1 | 11 |
| 24 | 12 | 15 | 20 | 0 | 0.7 | 86 |
| 2 | 2 | 2 | 2 | 0 | 0 | 8 |
| 17 | 17 | 17 | 21 | 0 | 0.3 | 87 |
| 43 | 14 | 28 | 26 | 0 | 0.6 | 109 |
| 23 | 13 | 17 | 20 | 0 | 0.4 | 82 |
| 4 | 2 | 3 | 2 | 0 | 0.1 | 9 |
| 44 | 22 | 32 | 24 | 0 | 1 | 102 |
| 4 | 9 | 3 | 0 | 0.2 | 14 | |
| 155 | 44 | 100 | 36 | 0 | 1.9 | 155 |
| 11 | 4 | 7 | 3 | 0 | 0.1 | 11 |
| 126 | 41 | 75 | 30 | 0 | 1.4 | 124 |
| 11 | 4 | 7 | 3 | 0 | 0.2 | 14 |
| 126 | 41 | 80 | 38 | 0 | 1.7 | 160 |
| 91 | 33 | 65 | 25 | 0 | 1 | 105 |
| 3 | 2 | 3 | 2 | 0 | 0.1 | 9 |
| 34 | 20 | 27 | 25 | 0 | 1.2 | 107 |
| 3 | 2 | 3 | 3 | 0 | 0.1 | 11 |
| 34 | 20 | 27 | 29 | 0 | 0.7 | 122 |
| 3 | 1 | 2 | 2 | 0 | 0.1 | 9 |
| 29 | 15 | 19 | 23 | 0 | 0.7 | 97 |
| 9 | 4 | 6 | 15 | 0 | 0.3 | 63 |
| 17 | 9 | 13 | 14 | 0 | 0.6 | 61 |

BABY FOODS[†]

| Food | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| JUICES | | |
| Apple carrot juice | 118 | 4 fl oz |
| Apple juice | 118 | 4 fl oz |
| Apple prune juice | 118 | 4 fl oz |
| Mixed fruit juice | 118 | 4 fl oz |
| Pear juice | 118 | 4 fl oz |
| Tropical Fruit Splashers | 118 | 4 ounces |
| White grape juice | 118 | 4 fl oz |
| VEGETABLES | | |
| Strained/1st Foods[®] | | |
| Carrots | 14 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Green beans | 15 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Peas | 15 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Squash | 14 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Sweet potatoes | 14 | 1 Tbsp |
| | 71 | 1 jar (2.5 oz) |
| Strained/2nd Foods[®] | | |
| Butternut corn | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Carrots | 14 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Carrots with brown rice | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Corn and sweet potatoes | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Creamed corn | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Farmer's Market Vegetable Blend with Mixed Grains | 15 | 1 Tbsp |
| | 113 | 1 container |
| Garden vegetable | 15 | 1 Tbsp |

[†]The food values are equivalent for Gerber[®], Beech-Nut[®], and Heinz[®] unless otherwise stated.

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 8 | 6 | 11 | 13 | 0 | 0.2 | 51 |
| 12 | 5 | 12 | 13 | 0 | 0.7 | 54 |
| 12 | 5 | 12 | 15 | 0 | 0.3 | 63 |
| 4 | 2 | 2 | 14 | 0 | 0.2 | 57 |
| 12 | 12 | 12 | 13 | 0 | 0.2 | 55 |
| 12 | 12 | 12 | 17 | 0 | 0.7 | 70 |
| 12 | 4 | 12 | 18 | 0 | 0.4 | 77 |
| 14 | 11 | 10 | 1 | 0 | 0.2 | 5 |
| 72 | 55 | 49 | 5 | 0 | 1 | 25 |
| 15 | 8 | 10 | 1 | 0 | 0.2 | 5 |
| 70 | 36 | 48 | 4 | 0 | 1 | 25 |
| 33 | 19 | 23 | 1 | 0 | 0.4 | 7 |
| 155 | 90 | 108 | 5 | 0 | 2 | 35 |
| 8 | 6 | 5 | 1 | 0 | 0.2 | 5 |
| 39 | 29 | 27 | 5 | 0 | 1 | 25 |
| 7 | 4 | 7 | 2 | 0 | 0.2 | 10 |
| 36 | 22 | 34 | 11 | 0 | 1 | 50 |
| 15 | 7 | 8 | 2 | 0 | 0.2 | 8 |
| 117 | 52 | 64 | 13 | 0 | 1.4 | 60 |
| 5 | 3 | 4 | 1 | 0 | 0.1 | 5 |
| 37 | 25 | 34 | 7 | 0 | 0.9 | 35 |
| 6 | 3 | 5 | 1 | 0 | 0.1 | 6 |
| 46 | 26 | 37 | 9 | 1 | 0.9 | 49 |
| 17 | 9 | 11 | 2 | 0 | 0.2 | 10 |
| 129 | 67 | 84 | 17 | 0.6 | 1.4 | 77 |
| 21 | 10 | 12 | 2 | 0 | 0.2 | 9 |
| 158 | 73 | 87 | 16 | 0.5 | 1.6 | 64 |
| 20 | 12 | 13 | 2 | 0 | 0.2 | 8 |
| 150 | 88 | 97 | 13 | 1 | 1.1 | 57 |
| 11 | 6 | 8 | 1 | 0 | 0.4 | 5 |

BABY FOODS†

| Food | Weight (g) | Approx. Household Measure |
|---|-----------------------|--------------------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Garden Vegetable with Whole Wheat Pasta | 113 | 1 jar (4 oz) |
| | 15 | 1 Tbsp |
| Green beans | 99 | 1 container |
| | 15 | 1 Tbsp |
| Harvest Vegetable with Mixed Grain | 113 | 1 jar (4 oz) |
| | 15 | 1 Tbsp |
| Macaroni & Cheese with Vegetables | 99 | 1 container |
| | 15 | 1 Tbsp |
| Mixed veggies | 14 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Peas | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Spring garden vegetables | 14 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Spring Vegetable with Brown Rice | 15 | 1 Tbsp |
| | 99 | 1 container |
| Squash | 14 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Sweet Potato Corn | 15 | 1 Tbsp |
| | 113 | 1 container |
| Sweet potatoes | 14 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Junior/3rd Foods® | | |
| Carrots | 14 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Creamed corn | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Green beans | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Green beans with rice | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |

†The food values are equivalent for Gerber®, Beech-Nut®, and Heinz® unless otherwise stated.

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|------------|------------|------------|--------------------|--------------------|------------------------|--------------------------|
| 82 | 49 | 62 | 8 | 0 | 2.6 | 36 |
| 24 | 15 | 16 | 2 | 0 | 0.3 | 9 |
| 157 | 96 | 108 | 13 | 1 | 2 | 60 |
| 12 | 7 | 9 | 1 | 0 | 0.2 | 5 |
| 93 | 50 | 66 | 6 | 0 | 1.5 | 34 |
| 17 | 8 | 12 | 2 | 0 | 0.2 | 9 |
| 110 | 55 | 78 | 14 | 1 | 1 | 60 |
| 18 | 12 | 12 | 2 | 0 | 0.5 | 14 |
| 120 | 78 | 81 | 14 | 2 | 3 | 90 |
| 12 | 7 | 9 | 1 | 0 | 0.2 | 6 |
| 97 | 51 | 73 | 9 | 1 | 1.6 | 47 |
| 32 | 19 | 23 | 1 | 0 | 0.4 | 7 |
| 238 | 142 | 171 | 9 | 1 | 3.5 | 56 |
| 10 | 6 | 8 | 1 | 0 | 0.2 | 5 |
| 82 | 49 | 62 | 7 | 0 | 1.6 | 37 |
| 22 | 13 | 17 | 1 | 0 | 0.3 | 8 |
| 144 | 85 | 110 | 9 | 1 | 2 | 50 |
| 7 | 4 | 5 | 1 | 0 | 0.1 | 4 |
| 54 | 34 | 37 | 8 | 0 | 0.9 | 36 |
| 17 | 7 | 9 | 2 | 0 | 0.2 | 11 |
| 129 | 51 | 68 | 17 | 1 | 1.6 | 78 |
| 8 | 5 | 7 | 2 | 0 | 0.1 | 9 |
| 54 | 40 | 51 | 17 | 0 | 1.1 | 74 |
| 5 | 4 | 5 | 1 | 0 | 0.1 | 4 |
| 66 | 44 | 60 | 11 | 0 | 1.4 | 51 |
| 21 | 10 | 12 | 2 | 0 | 0.2 | 10 |
| 240 | 111 | 133 | 28 | 1 | 2.4 | 111 |
| 12 | 8 | 10 | 1 | 0 | 0.2 | 4 |
| 133 | 92 | 111 | 10 | 0 | 2 | 41 |
| 12 | 6 | 8 | 1 | 0 | 0.2 | 6 |
| 141 | 71 | 94 | 15 | 0 | 2 | 71 |

BABY FOODS[†]

| Food | Weight (g) | Approx. Household Measure |
|--|------------|---------------------------|
| <i>For greatest accuracy, weigh food on scales that read in grams. All measures are level.</i> | | |
| Mixed vegetables | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| | 216 | 1 jar (7.5 oz) |
| Peas with rice | 14 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Squash | 14 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Sweet potatoes | 14 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Vegetable Pick Ups, Graduates™ | | |
| Carrot pick ups | 71 | 1 tray |
| Green bean pick ups | 71 | 1 tray |
| FREE FOODS | | |
| Desserts | | |
| Dutch apple dessert 2 | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Fruit medley dessert 2 | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Fruit medley dessert 3 | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Guava tropical dessert | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Hawaiian delight 2 | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Hawaiian delight 3 | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Mango tropical dessert | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Papaya tropical dessert | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Peach cobbler 2 | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |
| Peach cobbler 3 | 15 | 1 Tbsp |
| | 170 | 1 jar (6 oz) |
| Tropical fruit blend 2 | 15 | 1 Tbsp |
| | 113 | 1 jar (4 oz) |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 20 | 9 | 11 | 1 | 0 | 0.2 | 5 |
| 224 | 99 | 122 | 14 | 1 | 2.4 | 61 |
| 197 | 121 | 149 | 18 | 1 | 3 | 78 |
| 25 | 14 | 17 | 1 | 0 | 0.3 | 7 |
| 296 | 168 | 204 | 17 | 1 | 4.1 | 88 |
| 5 | 3 | 4 | 1 | 0 | 0.1 | 5 |
| 63 | 37 | 44 | 12 | 0 | 1.4 | 56 |
| 10 | 6 | 9 | 2 | 0 | 0.2 | 8 |
| 121 | 78 | 111 | 24 | 0 | 1.9 | 102 |
| 36 | 21 | 27 | 4 | 0 | 0.4 | 19 |
| 74 | 41 | 50 | 4 | 0 | 0.9 | 18 |
| 2 | 0 | 1 | 3 | 0 | 0 | 12 |
| 11 | 3 | 5 | 23 | 0 | 0.2 | 92 |
| 2 | 2 | 2 | 3 | 0 | 0.1 | 12 |
| 11 | 11 | 11 | 22 | 0 | 0.5 | 90 |
| 2 | 1 | 2 | 3 | 0 | 0.1 | 11 |
| 17 | 7 | 17 | 31 | 0 | 0.5 | 128 |
| 2 | 1 | 1 | 3 | 0 | 0 | 11 |
| 11 | 6 | 8 | 20 | 0 | 0 | 80 |
| 15 | 8 | 10 | 3 | 0 | 0.2 | 13 |
| 113 | 57 | 72 | 23 | 0 | 1.5 | 99 |
| 15 | 8 | 10 | 3 | 0 | 0.2 | 14 |
| 170 | 85 | 109 | 35 | 0 | 2.2 | 153 |
| 2 | 1 | 2 | 3 | 0 | 0 | 11 |
| 18 | 10 | 14 | 20 | 0 | 0 | 84 |
| 1 | 1 | 1 | 2 | 0 | 0 | 10 |
| 9 | 6 | 7 | 18 | 0 | 0 | 73 |
| 2 | 1 | 2 | 3 | 0 | 0.1 | 11 |
| 18 | 8 | 11 | 21 | 0 | 0.6 | 86 |
| 3 | 1 | 2 | 3 | 0 | 0.1 | 11 |
| 32 | 14 | 19 | 31 | 0 | 0.9 | 129 |
| 6 | 2 | 4 | 3 | 0 | 0.1 | 11 |
| 49 | 18 | 33 | 20 | 0 | 0.8 | 85 |

Use for your additional food choices.

| Name | Weight (g) | Approx. Household Measure |
|--|------------|---------------------------|
| <i>For greatest accuracy, weigh food on scales that read in grams. All measures are level.</i> | | |
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| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
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TABLE FOODS

Serving Lists for BCAA-Restricted Foods – Table Foods

| Name | Weight (g) | Approx. Household Measure |
|--|------------|---------------------------|
| <i>For greatest accuracy, weigh food on scales that read in grams. All measures are level.</i> | | |
| BREAD/CEREALS | | |
| Cereals, Cooked | | |
| Cream of Rice, cooked | 61 | 1/4 cup |
| Cream of Wheat, cooked | 63 | 1/4 cup |
| Farina, cooked | 60 | 1/4 cup |
| Grits, regular, cooked | 58 | 1/4 cup |
| Malt-O-meal®, cooked | 60 | 1/4 cup |
| Oats, regular, quick cooked | 59 | 1/4 cup |
| Wheatena®, cooked | 61 | 1/4 cup |
| Cereals, Ready To Eat | | |
| 100% Bran® | 15 | 1/4 cup |
| All-Bran® | 16 | 1/4 cup |
| Alpha-Bits® | 7 | 1/4 cup |
| Apple Jacks® | 8 | 1/4 cup |
| Cap'n Crunch® | 9 | 1/4 cup |
| Cap'n Crunch Berries® | 9 | 1/4 cup |
| Cap'n Crunch Peanut Butter® | 9 | 1/4 cup |
| Cheerios® | 7 | 1/4 cup |
| Cinnamon Toast Crunch® | 10 | 1/4 cup |
| Cocoa Krispies® | 10 | 1/4 cup |
| Cocoa Pebbles® | 10 | 1/4 cup |
| Cocoa Puffs® | 9 | 1/4 cup |
| Cookie Crisp® | 8 | 1/4 cup |
| Corn Chex® | 8 | 1/4 cup |
| Corn Flakes® | 7 | 1/4 cup |
| Corn Pops® | 8 | 1/4 cup |
| Froot Loops® | 7 | 1/4 cup |
| Frosted Flakes® | 10 | 1/4 cup |
| Frosted Mini-Wheats® | 5 | 2 biscuits |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 45 | 9 | 35 | 7 | 0 | 0.6 | 32 |
| 88 | 50 | 56 | 7 | 0 | 0.9 | 32 |
| 90 | 46 | 61 | 7 | 0 | 1.1 | 32 |
| 101 | 30 | 42 | 8 | 0 | 0.9 | 36 |
| 72 | 42 | 42 | 6 | 0 | 0.9 | 31 |
| 118 | 62 | 89 | 7 | 1 | 1.5 | 41 |
| 98 | 55 | 61 | 7 | 0 | 1.2 | 34 |
| 111 | 60 | 89 | 11 | 1 | 1.2 | 40 |
| 112 | 56 | 83 | 12 | 1 | 2.1 | 42 |
| 50 | 24 | 31 | 6 | 0 | 0.5 | 27 |
| 37 | 15 | 21 | 6 | 0 | 0.4 | 26 |
| 59 | 19 | 25 | 8 | 1 | 0.5 | 36 |
| 58 | 20 | 25 | 8 | 0 | 0.4 | 36 |
| 67 | 27 | 33 | 7 | 1 | 0.6 | 37 |
| 64 | 30 | 41 | 5 | 1 | 0.8 | 27 |
| 36 | 19 | 25 | 8 | 1 | 0.5 | 41 |
| 34 | 16 | 24 | 9 | 0 | 0.5 | 34 |
| 38 | 24 | 30 | 9 | 0 | 0.4 | 40 |
| 39 | 12 | 15 | 8 | 0 | 0.3 | 36 |
| 38 | 17 | 22 | 7 | 0 | 0.4 | 30 |
| 86 | 22 | 30 | 7 | 0 | 0.6 | 29 |
| 73 | 18 | 21 | 6 | 0 | 0.5 | 25 |
| 61 | 16 | 21 | 7 | 0 | 0.3 | 30 |
| 30 | 11 | 14 | 6 | 0 | 0.4 | 26 |
| 63 | 15 | 20 | 9 | 0 | 0.4 | 36 |
| 36 | 21 | 26 | 4 | 0 | 0.5 | 17 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Fruity Pebbles® | 10 | 1/4 cup |
| Golden Puffs® | 9 | 1/4 cup |
| Golden Grahams® | 10 | 1/4 cup |
| Grape-Nuts® | 29 | 1/4 cup |
| Grape-Nuts Flakes® | 10 | 1/4 cup |
| Honey Nut Cheerios® | 9 | 1/4 cup |
| Honeycomb® | 5 | 1/4 cup |
| King Vitamin® | 5 | 1/4 cup |
| Kix® | 6 | 1/4 cup |
| Life® | 11 | 1/4 cup |
| Lucky Charms® | 9 | 1/4 cup |
| Product 19® | 8 | 1/4 cup |
| Puffed Rice | 4 | 1/4 cup |
| Puffed Wheat | 4 | 1/4 cup |
| Raisin Bran® | 15 | 1/4 cup |
| Rice Chex® | 6 | 1/4 cup |
| Rice Krispies® | 7 | 1/4 cup |
| Shredded Wheat | 12 | 1/4 cup |
| Special K® | 8 | 1/4 cup |
| Total® | 10 | 1/4 cup |
| Trix® | 8 | 1/4 cup |
| Wheat Chex® | 76 | 1/4 cup |
| Wheaties® | 9 | 1/4 cup |
| Grains | | |
| Corn | | |
| Corn, cream style, canned | 16 | 1 Tbsp |
| | 64 | 1/4 cup |
| Corn on the cob, frozen, cooked | 63 | 1 ear |
| Corn, sweet yellow, cooked | 9 | 1 Tbsp |
| | 36 | 1/4 cup |
| Popcorn | | |
| Popcorn, butter, popped | 2 | 1/4 cup |
| Popcorn, cheese flavor | 3 | 1/4 cup |
| Popcorn, caramel, no peanuts | 9 | 1/4 cup |
| Popcorn, plain, popped | 2 | 1/4 cup |
| Rice, prepared | | |
| Brown rice, cooked | 12 | 1 Tbsp |
| | 49 | 1/4 cup |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 33 | 21 | 26 | 9 | 0 | 0.4 | 40 |
| 39 | 18 | 22 | 8 | 0 | 0.5 | 37 |
| 68 | 24 | 30 | 9 | 0 | 0.5 | 39 |
| 241 | 139 | 171 | 23 | 1 | 3.1 | 102 |
| 76 | 44 | 54 | 8 | 0 | 1 | 37 |
| 116 | 43 | 56 | 7 | 0 | 0.8 | 34 |
| 37 | 12 | 16 | 4 | 0 | 0.3 | 20 |
| 34 | 11 | 14 | 4 | 0 | 0.4 | 19 |
| 58 | 13 | 20 | 5 | 0 | 0.5 | 21 |
| 173 | 108 | 121 | 8 | 0 | 1 | 40 |
| 58 | 35 | 44 | 7 | 0 | 0.6 | 37 |
| 94 | 29 | 37 | 6 | 0 | 0.7 | 27 |
| 21 | 13 | 16 | 3 | 0 | 0.2 | 14 |
| 43 | 25 | 28 | 2 | 0 | 0.4 | 11 |
| 76 | 39 | 53 | 11 | 0 | 1.1 | 46 |
| 26 | 17 | 21 | 6 | 0 | 0.4 | 25 |
| 38 | 18 | 27 | 6 | 0 | 0.5 | 27 |
| 90 | 52 | 65 | 10 | 0 | 1.3 | 42 |
| 123 | 75 | 91 | 6 | 0 | 1.6 | 29 |
| 69 | 39 | 49 | 8 | 0 | 1 | 35 |
| 60 | 18 | 23 | 7 | 0 | 0.3 | 33 |
| 115 | 67 | 75 | 13 | 0 | 1.7 | 55 |
| 59 | 33 | 42 | 7 | 0 | 1 | 33 |
| 30 | 11 | 16 | 3 | 0 | 0.3 | 12 |
| 120 | 45 | 64 | 12 | 0 | 1.1 | 46 |
| 212 | 79 | 113 | 14 | 1 | 2 | 59 |
| 32 | 12 | 17 | 2 | 0 | 0.3 | 9 |
| 129 | 48 | 69 | 8 | 1 | 1.2 | 35 |
| 21 | 6 | 9 | 1 | 1 | 0.2 | 11 |
| 31 | 12 | 15 | 1 | 1 | 0.3 | 14 |
| 25 | 14 | 16 | 7 | 1 | 0.3 | 38 |
| 29 | 9 | 12 | 2 | 0 | 0.3 | 8 |
| 23 | 12 | 16 | 3 | 1 | 0.3 | 13 |
| 94 | 48 | 67 | 11 | 0 | 1.3 | 54 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Rice cake, brown, plain | 9 | 1 piece |
| Rice cake, multigrain | 9 | 1 piece |
| Fried rice | 9 | 1 Tbsp |
| | 35 | 1/4 cup |
| Rice pilaf, unprepared | 10 | 1 Tbsp |
| | 40 | 1/4 cup |
| Spanish rice | 11 | 1 Tbsp |
| | 44 | 1/4 cup |
| White rice, cooked | 10 | 1 Tbsp |
| | 40 | 1/4 cup |
| White rice, instant, cooked | 10 | 1 Tbsp |
| | 41 | 1/4 cup |
| White rice, medium grain, cooked | 47 | 1/4 cup |
| White rice, medium grain, raw | 49 | 1/4 cup |
| White rice, short grain, cooked | 51 | 1/4 cup |
| White rice, short grain, raw | 50 | 1/4 cup |
| Miscellaneous | | |
| Chocolate fudge syrup | 19 | 1 Tbsp |
| Chinese noodles/cellophane, dry | 9 | 1 Tbsp |
| | 35 | 1/4 cup |
| Flour (cake and all-purpose) | 8 | 1 Tbsp |
| | 31 | 1/4 cup |
| Pasta | | |
| Egg noodles, cooked | 10 | 1 Tbsp |
| | 40 | 1/4 cup |
| Macaroni, cooked | 9 | 1 Tbsp |
| | 35 | 1/4 cup |
| Spaghetti noodles, cooked | 9 | 1 Tbsp |
| | 35 | 1/4 cup |
| Spaghettios® with cheese | 15.8 | 1 Tbsp |
| Snack Foods | | |
| Cheetos®, Cheese Puffs/Twists | 28 | 1 oz |
| Cookies | | |
| Chocolate chip cookie | 10 | 1 piece |
| | 28 | 1 oz |
| Oreo® cookie | 11.5 | 1 piece |
| | 28 | 1 oz |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 61 | 31 | 43 | 7 | 0 | 0.7 | 35 |
| 61 | 32 | 43 | 7 | 0 | 0.8 | 35 |
| 30 | 16 | 23 | 3 | 0 | 0.4 | 16 |
| 117 | 61 | 88 | 11 | 1 | 1.4 | 61 |
| 52 | 28 | 37 | 7 | 0 | 1 | 34 |
| 209 | 112 | 150 | 29 | 1 | 4 | 138 |
| 14 | 8 | 11 | 2 | 0 | 0.2 | 10 |
| 57 | 31 | 44 | 7 | 1 | 0.8 | 38 |
| 22 | 12 | 16 | 3 | 0 | 0.3 | 13 |
| 89 | 46 | 66 | 11 | 0 | 1.1 | 62 |
| 18 | 10 | 14 | 3 | 0 | 0.2 | 12 |
| 79 | 41 | 57 | 10 | 0 | 0.9 | 48 |
| 92 | 48 | 68 | 13 | 0 | 1.1 | 61 |
| 268 | 139 | 197 | 39 | 0 | 3.2 | 176 |
| 99 | 52 | 73 | 15 | 0 | 1.2 | 66 |
| 269 | 141 | 199 | 40 | 0 | 3.3 | 179 |
| 67 | 42 | 31 | 12 | 2 | 1 | 67 |
| 1 | 1 | 1 | 8 | 0 | 0 | 32 |
| 5 | 2 | 3 | 30 | 0 | 0 | 123 |
| 57 | 29 | 33 | 6 | 0 | 0.8 | 29 |
| 220 | 110 | 128 | 24 | 0 | 3.2 | 113 |
| 37 | 19 | 22 | 3 | 0 | 0.5 | 14 |
| 146 | 76 | 88 | 10 | 1 | 1.8 | 55 |
| 40 | 21 | 24 | 3 | 0 | 0.5 | 14 |
| 154 | 80 | 92 | 11 | 0 | 2 | 55 |
| 40 | 21 | 24 | 3 | 0 | 0.5 | 14 |
| 154 | 80 | 92 | 11 | 0 | 2 | 55 |
| 31 | 18 | 20 | 2 | 0 | 0.4 | 12 |
| 219 | 102 | 113 | 15 | 10 | 2.2 | 157 |
| 27 | 15 | 18 | 7 | 2 | 0.5 | 48 |
| 75 | 43 | 50 | 19 | 6 | 1.5 | 136 |
| 37 | 20 | 26 | 8 | 2 | 0.5 | 53 |
| 90 | 48 | 64 | 20 | 5 | 1.5 | 131 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Oatmeal cookie, commonly prepared | 25 | 1 piece |
| | 28 | 1 oz |
| Oatmeal raisin cookie | 15 | 1 piece |
| | 28 | 1 oz |
| Sugar wafers, crème filling (small) | 4 | 1 piece |
| | 28 | 1 oz |
| Vanilla wafers | 6 | 1 piece |
| | 28 | 1 oz |
| Crackers | | |
| Goldfish® crackers, original | 0.6 | 1 piece |
| | 28 | 1 oz |
| Ritz® crackers | 3 | 1 piece |
| | 28 | 1 oz |
| Rykrisp® | 7 | 1 piece |
| Saltines | 3 | 1 piece |
| | 28 | 1 oz |
| Sandwich crackers with cheese filling | 7 | 1 sandwich |
| Triscuits® | 5 | 1 piece |
| | 28 | 1 oz |
| Wheat Thins® | 2 | 1 piece |
| | 28 | 1 oz |
| Doo Dads®, original | 4 | 1 Tbsp |
| | 14 | 1/4 cup |
| Doritos® | 2 | 1 piece |
| | 28 | 1 oz |
| Fritos® | 0.9 | 1 piece |
| | 28 | 1 oz |
| Gelatin dessert, prepared | 17 | 1 Tbsp |
| | 68 | 1/4 cup |
| Ice cream cone, cake type | 4 | 1 piece |
| Ice cream cone, sugar | 10 | 1 piece |
| Pop-Tarts® | | |
| Chocolate Pop-Tarts® | 52 | 1 piece |
| Fruit Pop-Tarts® | 52 | 1 piece |
| Potato chips, (2" diameter) | | |
| Potato chips, made from dried potatoes | 2 | 1 piece |
| | 28 | 1 oz |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 113 | 60 | 79 | 17 | 5 | 1.6 | 112 |
| 126 | 67 | 88 | 20 | 5 | 1.8 | 128 |
| 70 | 38 | 48 | 10 | 2 | 1 | 65 |
| 130 | 71 | 90 | 19 | 5 | 1.8 | 123 |
| 10 | 5 | 7 | 2 | 1 | 0.1 | 18 |
| 73 | 38 | 47 | 20 | 7 | 1.1 | 141 |
| 22 | 11 | 13 | 4 | 1 | 0.3 | 29 |
| 105 | 54 | 62 | 20 | 5 | 1.2 | 132 |
| | | | | | | |
| 3 | 2 | 2 | 0 | 0 | 0 | 3 |
| 133 | 71 | 79 | 18 | 7 | 2 | 37 |
| 13 | 7 | 8 | 2 | 1 | 0.2 | 75 |
| 123 | 65 | 74 | 18 | 6 | 2 | 139 |
| 48 | 31 | 38 | 6 | 0 | 0.7 | 23 |
| 20 | 10 | 12 | 2 | 0 | 0.3 | 13 |
| 183 | 93 | 112 | 21 | 2 | 2.7 | 117 |
| 45 | 24 | 28 | 4 | 2 | 1 | 32 |
| 30 | 15 | 20 | 3 | 1 | 0.4 | 22 |
| 168 | 93 | 112 | 19 | 5 | 2.5 | 124 |
| 9 | 4 | 5 | 1 | 0 | 0.2 | 9 |
| 134 | 68 | 79 | 20 | 6 | 2.3 | 133 |
| 26 | 13 | 16 | 3 | 1 | 0.4 | 18 |
| 92 | 47 | 55 | 9 | 3 | 1.4 | 64 |
| 16 | 4 | 6 | 1 | 1 | 0.1 | 11 |
| 225 | 67 | 94 | 16 | 9 | 1.9 | 151 |
| 7 | 2 | 3 | 1 | 0 | 0.1 | 5 |
| 225 | 67 | 94 | 16 | 9 | 1.9 | 151 |
| 7 | 3 | 6 | 2 | 0 | 0.2 | 11 |
| 28 | 13 | 24 | 10 | 0 | 0.8 | 42 |
| 22 | 12 | 14 | 3 | 0 | 0.3 | 17 |
| 55 | 29 | 33 | 8 | 0 | 0.8 | 40 |
| | | | | | | |
| 187 | 94 | 109 | 37 | 5 | 2.7 | 201 |
| 187 | 94 | 109 | 36 | 7 | 2.4 | 212 |
| | | | | | | |
| 7 | 5 | 6 | 1 | 1 | 0.1 | 11 |
| 110 | 74 | 98 | 15 | 11 | 1.3 | 158 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Potato chips | 2 | 1 piece |
| | 28 | 1 oz |
| Pretzels | 6 | 1 piece |
| | 28 | 1 oz |
| Tarp chips | 2 | 1 piece |
| | 28 | 1 oz |
| Tortilla chips | | |
| Tortilla chips, nacho | 4 | 1 piece |
| | 28 | 1 oz |
| Tortilla chips, plain | 4 | 1 piece |
| | 28 | 1 oz |
| Tortilla chips, ranch | 4 | 1 piece |
| | 28 | 1 oz |
| Potatoes | | |
| White potatoes | | |
| French fries, fast food, Burger King® | 14 | Small order |
| | 117 | Medium order |
| | 160 | Large order |
| Potato, baked, no skin | 8 | 1 Tbsp |
| | 31 | 1/4 cup |
| Potato, with skin, boiled, mashed | 10 | 1 Tbsp |
| | 31 | 1/4 cup |
| Potato, no skin, boiled, mashed | 10 | 1 Tbsp |
| | 39 | 1/4 cup |
| Potato, raw, flesh and skin | 9 | 1 Tbsp |
| | 38 | 1/4 cup |
| Potato, hashed browns | 10 | 1 Tbsp |
| | 39 | 1/4 cup |
| Potato, mashed, with milk and margarine | 13 | 1 Tbsp |
| | 53 | 1/4 cup |
| Potato salad, home-prepared | 16 | 1 Tbsp |
| | 63 | 1/4 cup |
| Tater Tots®, Ore Ida | 10 | 1 piece |
| | 28 | 1 oz |
| Sweet Potatoes | | |
| Sweet potato, candied | 105 | 1 piece |
| Sweet potato, no skin | 21 | 1 Tbsp |
| | 82 | 1/4 cup |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 8 | 6 | 8 | 1 | 1 | 0.1 | 11 |
| 117 | 80 | 111 | 15 | 10 | 1.9 | 154 |
| 45 | 24 | 29 | 5 | 0 | 0.6 | 23 |
| 212 | 114 | 134 | 23 | 1 | 2.8 | 108 |
| 3 | 2 | 3 | 1 | 1 | 0.1 | 10 |
| 49 | 24 | 36 | 19 | 7 | 0.7 | 141 |
| | | | | | | |
| 35 | 12 | 16 | 2 | 1 | 0.3 | 20 |
| 247 | 84 | 114 | 18 | 7 | 2.3 | 146 |
| 50 | 18 | 16 | 3 | 1 | 0.3 | 19 |
| 352 | 125 | 114 | 19 | 6 | 2 | 134 |
| 35 | 11 | 15 | 3 | 1 | 0.3 | 20 |
| 244 | 78 | 106 | 18 | 7 | 2 | 141 |
| | | | | | | |
| 126 | 80 | 121 | 29 | 9 | 2.4 | 207 |
| 199 | 126 | 192 | 45 | 15 | 3.8 | 328 |
| 272 | 173 | 262 | 62 | 26 | 5.2 | 448 |
| 9 | 6 | 9 | 2 | 0 | 0.2 | 7 |
| 37 | 25 | 34 | 7 | 0 | 0.6 | 29 |
| 11 | 7 | 10 | 2 | 0 | 0.2 | 9 |
| 44 | 30 | 41 | 8 | 0 | 0.7 | 34 |
| 10 | 7 | 10 | 2 | 0 | 0.2 | 9 |
| 41 | 28 | 39 | 8 | 0 | 0.7 | 34 |
| 9 | 6 | 9 | 2 | 0 | 0.2 | 7 |
| 36 | 25 | 38 | 7 | 0 | 0.8 | 30 |
| 19 | 11 | 16 | 3 | 1 | 0.3 | 22 |
| 76 | 44 | 62 | 11 | 5 | 1 | 85 |
| 17 | 11 | 15 | 2 | 1 | 0.3 | 15 |
| | | | | | | |
| 72 | 46 | 61 | 9 | 2 | 1 | 60 |
| 32 | 22 | 27 | 2 | 1 | 0.4 | 22 |
| 127 | 88 | 108 | 7 | 5 | 1.7 | 90 |
| 11 | 8 | 10 | 2 | 0 | 0.2 | 13 |
| 34 | 24 | 30 | 6 | 1 | 0.6 | 37 |
| | | | | | | |
| 6 | 4 | 5 | 34 | 4 | 0.9 | 172 |
| 25 | 17 | 22 | 4 | 0 | 0.3 | 16 |
| 99 | 67 | 88 | 15 | 0 | 1.1 | 62 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|--|------------|---------------------------|
| <i>For greatest accuracy, weigh food on scales that read in grams. All measures are level.</i> | | |
| Sweet potato, with skin | 13 | 1 Tbsp |
| | 50 | 1/4 cup |
| Yam, cubed, cooked | 9 | 1 Tbsp |
| | 34 | 1/4 cup |
| Yam, Hawaiian, cooked, cubed | 9 | 1 Tbsp |
| | 36 | 1/4 cup |
| FATS | | |
| Butter | | |
| Butter, stick | 14 | 1 Tbsp |
| Butter, whipped | 3 | 1 tsp |
| | 9 | 1 Tbsp |
| Cream substitute, liquid | 5 | 1 tsp |
| | 14 | 1 Tbsp |
| | 28 | 1 oz |
| Cool Whip® | | |
| Cool Whip®, extra creamy | 1.5 | 1 tsp |
| | 4.5 | 1 Tbsp |
| Cool Whip®, regular | 1.5 | 1 tsp |
| | 4.5 | 1 Tbsp |
| Cream substitute, powdered | 2 | 1 tsp |
| Margarine | | |
| Margarine, imitation | 5 | 1 tsp |
| | 14 | 1 Tbsp |
| Margarine | 5 | 1 tsp |
| | 14 | 1 Tbsp |
| Margarine, soft tub | 5 | 1 tsp |
| | 14 | 1 Tbsp |
| Mayonnaise | 5 | 1 tsp |
| | 15 | 1 Tbsp |
| Miracle Whip® | 5 | 1 tsp |
| | 16 | 1 Tbsp |
| Olives | | |
| Black olives | 4 | 1 piece |
| Green olives | 3 | 1 piece |
| Ripe jumbo olives | 8 | 1 piece |
| Ripe small olives | 3 | 1 piece |
| Salad Dressing | | |
| 1000 Island dressing | 16 | 1 Tbsp |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 16 | 11 | 14 | 3 | 0 | 0.3 | 12 |
| 63 | 43 | 56 | 10 | 0 | 1 | 45 |
| 8 | 4 | 5 | 2 | 0 | 0.1 | 10 |
| 32 | 17 | 20 | 9 | 0 | 0.5 | 39 |
| 10 | 5 | 6 | 2 | 0 | 0.2 | 7 |
| 40 | 22 | 26 | 7 | 0 | 0.6 | 30 |
| | | | | | | |
| 12 | 7 | 8 | 0 | 12 | 0.1 | 102 |
| 3 | 2 | 2 | 0 | 2 | 0 | 22 |
| 8 | 5 | 5 | 0 | 8 | 0.1 | 68 |
| 4 | 3 | 3 | 1 | 0 | 0 | 13 |
| 13 | 8 | 8 | 5 | 2 | 0.1 | 38 |
| 24 | 16 | 16 | 10 | 4 | 0.2 | 71 |
| | | | | | | |
| 4 | 2 | 3 | 0 | 0 | 0 | 5 |
| 11 | 7 | 8 | 1 | 1 | 0.1 | 15 |
| 2 | 1 | 1 | 0 | 0 | 0 | 4 |
| 6 | 4 | 4 | 1 | 1 | 0.1 | 13 |
| 9 | 6 | 7 | 1 | 1 | 0.1 | 11 |
| | | | | | | |
| 2 | 1 | 1 | 0 | 2 | 0 | 17 |
| 7 | 4 | 4 | 0 | 6 | 0.1 | 48 |
| 4 | 2 | 3 | 0 | 4 | 0.1 | 36 |
| 11 | 7 | 8 | 0 | 11 | 0.1 | 100 |
| 4 | 3 | 3 | 0 | 4 | 0 | 36 |
| 10 | 7 | 7 | 0 | 11 | 0.1 | 100 |
| 4 | 3 | 3 | 1 | 2 | 0.1 | 20 |
| 12 | 8 | 8 | 4 | 5 | 0.1 | 57 |
| 2 | 1 | 2 | 1 | 3 | 0 | 25 |
| 5 | 3 | 5 | 2 | 8 | 0.1 | 80 |
| | | | | | | |
| 3 | 2 | 2 | 0 | 1 | 0.1 | 7 |
| 2 | 2 | 2 | 0 | 1 | 0 | 3 |
| 5 | 3 | 4 | 0 | 1 | 0.1 | 7 |
| 2 | 1 | 1 | 0 | 0 | 0 | 4 |
| | | | | | | |
| 0 | 0 | 0 | 2 | 6 | 0.2 | 55 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|--|------------|---------------------------|
| <i>For greatest accuracy, weigh food on scales that read in grams. All measures are level.</i> | | |
| 1000 Island, low calorie | 16 | 1 Tbsp |
| Catalina dressing | 16 | 1 Tbsp |
| French dressing | 16 | 1 Tbsp |
| French dressing, low calorie | 16 | 1 Tbsp |
| Italian dressing | 15 | 1 Tbsp |
| Italian dressing, low calorie | 14 | 1 Tbsp |
| Ranch dressing | 16 | 1 Tbsp |
| Russian dressing | 15 | 1 Tbsp |
| Russian dressing, low calorie | 16 | 1 Tbsp |
| FRUITS | | |
| <i>Weight for raw fruits is only for parts that can be eaten.</i> | | |
| Apricots | | |
| Apricot, dried, uncooked | 8 | 1 Tbsp |
| | 33 | 1/4 cup |
| Apricot, dried, stewed, no sugar | 16 | 1 Tbsp |
| | 63 | 1/4 cup |
| Apricot, raw | 83 | 1/2 cup |
| | 35 | 1 piece |
| Apricot half, heavy syrup | 65 | 1/4 cup |
| Apricot nectar | 125 | 4 fl oz |
| Avocado, cubed, raw | 9 | 1 Tbsp |
| | 38 | 1/4 cup |
| Bananas | | |
| Banana chips | 28 | 1 oz |
| Banana raw | 75 | 1/2 cup |
| | 118 | 1 medium |
| Blackberries | | |
| Blackberries, canned, heavy syrup | 16 | 1 Tbsp |
| | 64 | 1/4 cup |
| Blackberries, frozen | 76 | 1/2 cup |
| Blackberries, raw | 72 | 1/2 cup |
| Blueberries | | |
| Blueberries, frozen, with sugar | 115 | 1/2 cup |
| Blueberries, raw | 74 | 1/2 cup |
| Cantaloupe, cubed | 80 | 1/2 cup |
| Carambola, cube, raw (starfruit) | 66 | 1/2 cup |
| Casaba, cubed, raw | 85 | 1/2 cup |
| Chayote | | |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 0 | 0 | 0 | 4 | 2 | 0.1 | 31 |
| 2 | 2 | 2 | 4 | 6 | 0.1 | 69 |
| 5 | 4 | 4 | 2 | 7 | 0.1 | 73 |
| 2 | 2 | 2 | 5 | 2 | 0 | 36 |
| 4 | 2 | 3 | 2 | 3 | 0.1 | 36 |
| 9 | 3 | 3 | 2 | 1 | 0.1 | 16 |
| 20 | 11 | 13 | 2 | 3 | 0.2 | 30 |
| 22 | 14 | 16 | 2 | 8 | 0.2 | 75 |
| 7 | 5 | 5 | 4 | 1 | 0.1 | 23 |
| 8 | 5 | 6 | 5 | 0 | 0.3 | 20 |
| 35 | 21 | 26 | 21 | 0 | 1.2 | 80 |
| 6 | 4 | 4 | 4 | 0 | 0.2 | 14 |
| 23 | 14 | 18 | 14 | 0 | 0.8 | 53 |
| 64 | 34 | 39 | 9 | 0 | 1.5 | 40 |
| 27 | 14 | 16 | 4 | 0 | 0.5 | 17 |
| 20 | 10 | 12 | 14 | 0 | 0.3 | 54 |
| 28 | 14 | 16 | 18 | 0 | 0.5 | 70 |
| 13 | 8 | 10 | 1 | 1 | 0.2 | 14 |
| 54 | 32 | 41 | 3 | 6 | 0.8 | 60 |
| 44 | 21 | 29 | 17 | 10 | 0.7 | 147 |
| 51 | 21 | 35 | 17 | 0 | 0.8 | 67 |
| 80 | 33 | 55 | 27 | 0 | 1.3 | 105 |
| 11 | 5 | 6 | 4 | 0 | 0.2 | 15 |
| 45 | 19 | 26 | 15 | 0 | 0.8 | 59 |
| 45 | 23 | 23 | 12 | 0 | 0.9 | 48 |
| 29 | 14 | 14 | 9 | 0 | 0.5 | 38 |
| 27 | 14 | 20 | 26 | 0 | 0.5 | 97 |
| 33 | 17 | 23 | 11 | 0 | 0.6 | 42 |
| 23 | 17 | 26 | 7 | 0 | 0.7 | 28 |
| 26 | 15 | 17 | 5 | 0 | 0.4 | 22 |
| 34 | 26 | 26 | 5 | 0 | 0.8 | 22 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Chayote, cooked | 80 | 1/2 cup |
| Chayote, raw | 203 | 1 piece |
| Cherries | | |
| Cherries, sour, heavy syrup | 128 | 1/2 cup |
| Cherries, sweet, raw | 69 | 1/2 cup |
| Coconut, dried | | |
| Coconut, dried, no sugar | 5 | 1 Tbsp |
| Coconut, dried, sugar | 5 | 1 Tbsp |
| Cranberry sauce with sugar | 139 | 1/2 cup |
| Cranberries, raw | 55 | 1/2 cup |
| Currants, black, raw | 56 | 1/2 cup |
| Dates, deglet noor | 74 | 1/2 cup |
| | 8 | 1 piece |
| Figs | | |
| Figs, canned, heavy syrup | 130 | 1/2 cup |
| Figs, dried, uncooked | 37 | 1/4 cup |
| Figs, raw | 50 | 1 piece, medium |
| Fruit cocktail, canned | | |
| Fruit cocktail, heavy syrup | 124 | 1/2 cup |
| Fruit cocktail, light syrup | 121 | 1/2 cup |
| Fruit mixed, heavy syrup | 128 | 1/2 cup |
| Fruit salad, heavy syrup | 128 | 1/2 cup |
| Gooseberries, light syrup | 126 | 1/2 cup |
| Grapefruit | | |
| Grapefruit juice, no sugar | 124 | 4 fl oz |
| Grapefruit section, light syrup | 127 | 4 fl oz |
| Grapefruit, raw | 115 | 1/2 cup |
| | 123 | ½ fruit |
| Grapes | | |
| Grape juice, no sugar | 125 | 4 fl oz |
| Grapes, American, slip skin | 46 | 1/2 cup |
| | 12 | 5 pieces |
| Grapes, red/green | 76 | 1/2 cup |
| | 49 | 10 pieces |
| Grapes, Thompson, heavy syrup | 128 | 1/2 cup |
| Honeydew, balls, raw | 89 | 1/2 cup |
| | 125 | 1 wedge |
| Kiwi, raw | 69 | 1 piece |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 46 | 26 | 38 | 4 | 0 | 0.5 | 20 |
| 156 | 89 | 128 | 9 | 0 | 1.7 | 39 |
| 26 | 13 | 26 | 30 | 0 | 0.9 | 116 |
| 22 | 14 | 17 | 11 | 0 | 0.7 | 43 |
| 27 | 14 | 22 | 1 | 3 | 0.3 | 33 |
| 12 | 6 | 10 | 3 | 1 | 0.2 | 23 |
| 14 | 14 | 14 | 54 | 0 | 0.3 | 209 |
| 29 | 18 | 25 | 7 | 0 | 0.2 | 27 |
| 45 | 23 | 34 | 9 | 0 | 0.8 | 36 |
| 62 | 36 | 53 | 55 | 0 | 1.8 | 207 |
| 7 | 4 | 6 | 6 | 0 | 0.2 | 23 |
| 22 | 15 | 18 | 30 | 0 | 0.5 | 113 |
| 47 | 33 | 45 | 24 | 1 | 1.2 | 93 |
| 17 | 12 | 14 | 10 | 0 | 0.4 | 37 |
| 26 | 13 | 26 | 23 | 0 | 0.5 | 91 |
| 25 | 13 | 25 | 18 | 0 | 0.5 | 69 |
| 26 | 13 | 26 | 24 | 0 | 0.5 | 92 |
| 26 | 12 | 13 | 24 | 0 | 0.4 | 93 |
| 50 | 25 | 38 | 24 | 0 | 0.8 | 92 |
| 12 | 12 | 12 | 11 | 0 | 0.7 | 48 |
| 14 | 8 | 14 | 20 | 0 | 0.7 | 76 |
| 17 | 9 | 17 | 12 | 0 | 0.9 | 48 |
| 18 | 10 | 18 | 9 | 0 | 0.7 | 37 |
| 15 | 9 | 13 | 19 | 0 | 0.7 | 77 |
| 6 | 2 | 8 | 8 | 0 | 0.3 | 32 |
| 2 | 1 | 2 | 2 | 0 | 0.1 | 8 |
| 17 | 8 | 17 | 14 | 0 | 0.6 | 52 |
| 11 | 5 | 11 | 9 | 0.1 | 0.4 | 34 |
| 13 | 5 | 17 | 25 | 0 | 0.6 | 93 |
| 14 | 12 | 16 | 8 | 0 | 0.5 | 32 |
| 20 | 16 | 22 | 11 | 0 | 0.7 | 45 |
| 41 | 21 | 35 | 10 | 0 | 0.7 | 42 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Lemon, no peel, raw | 7 | 1 wedge |
| Lemon juice, canned | 15 | 1 Tbsp |
| | 122 | 4 fl oz |
| Mango, sliced, raw | 85 | 1/2 cup |
| Nectarine, raw | 72 | 1/2 cup |
| | 142 | 1 medium |
| Nopales | | |
| Nopales, cooked | 29 | 1 piece |
| Nopales, sliced, raw | 43 | 1/2 cup |
| Orange grapefruit juice, canned | 124 | 4 fl oz |
| Orange juice | | |
| Orange juice, canned, no sugar | 124 | 4 fl oz |
| Orange juice, frozen, diluted | 124 | 4 fl oz |
| Orange, raw | 90 | 1/2 cup |
| | 131 | 1 medium |
| Peaches | | |
| Peaches, dried, cooked, no sugar | 65 | 1/4 cup |
| Peach half, heavy syrup | 56 | 1/4 cup |
| Peach half, light syrup | 63 | 1/4 cup |
| Peach, sliced, frozen, with sugar | 63 | 1/4 cup |
| Peach, raw | 39 | 1/2 cup |
| | 150 | 1 medium |
| Pears | | |
| Pear, Asian, raw | 122 | 1 piece |
| Pear half, dried, cooked in sugar | 64 | 1/4 cup |
| Pear half, heavy syrup | 67 | 1/4 cup |
| Pear half, light syrup | 126 | 1/2 cup |
| Pear, raw | 70 | 1/2 cup |
| | 178 | 1 medium |
| Persimmon, Japanese, raw | 168 | 1 piece |
| Pineapples | | |
| Pineapple, chunks, raw | 78 | 1/2 cup |
| Pineapple, heavy syrup | 64 | 1/2 cup |
| | 49 | 1 ring |
| Pineapple juice | 125 | 4 fl oz |
| Pineapple, light syrup | 126 | 1/2 cup |
| | 48 | 1 ring |
| Plantain | | |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 2 | 2 | 4 | 1 | 0 | 0.1 | 2 |
| 2 | 1 | 2 | 1 | 0 | 0.1 | 3 |
| 12 | 5 | 12 | 8 | 0 | 0.5 | 26 |
| 27 | 16 | 22 | 15 | 0 | 0.4 | 56 |
| 10 | 6 | 9 | 8 | 0 | 0.8 | 32 |
| 20 | 13 | 18 | 15 | 1 | 1.5 | 62 |
| | | | | | | |
| 24 | 15 | 18 | 1 | 0 | 0.4 | 4 |
| 24 | 15 | 18 | 1 | 0 | 0.4 | 4 |
| 12 | 12 | 12 | 13 | 0 | 0.7 | 53 |
| | | | | | | |
| 16 | 9 | 12 | 14 | 0 | 0.8 | 58 |
| 16 | 9 | 14 | 13 | 0 | 0.8 | 56 |
| 21 | 23 | 37 | 11 | 0 | 0.9 | 44 |
| 30 | 33 | 52 | 15 | 0 | 1.2 | 62 |
| | | | | | | |
| 42 | 21 | 41 | 13 | 0 | 0.8 | 50 |
| 9 | 6 | 7 | 10 | 0 | 0.3 | 46 |
| 16 | 8 | 16 | 9 | 0 | 0.3 | 34 |
| 22 | 11 | 21 | 15 | 0 | 0.4 | 58 |
| 11 | 7 | 9 | 4 | 0 | 0.4 | 15 |
| 41 | 26 | 33 | 14 | 0 | 1.4 | 59 |
| | | | | | | |
| 31 | 17 | 22 | 12 | 0 | 0.6 | 51 |
| 29 | 17 | 20 | 22 | 0 | 0.6 | 81 |
| 7 | 4 | 5 | 13 | 0 | 0.1 | 49 |
| 13 | 8 | 9 | 19 | 0 | 0.2 | 71 |
| 13 | 8 | 12 | 13 | 0 | 0.3 | 51 |
| 34 | 20 | 30 | 28 | 0 | 0.7 | 103 |
| 71 | 42 | 50 | 31 | 0 | 1 | 118 |
| | | | | | | |
| 19 | 15 | 19 | 11 | 0 | 0.5 | 41 |
| 8 | 6 | 7 | 13 | 0 | 0.2 | 49 |
| 6 | 4 | 5 | 10 | 0 | 0.2 | 38 |
| 13 | 13 | 13 | 17 | 0 | 0.4 | 70 |
| 18 | 11 | 15 | 17 | 0 | 0.5 | 65 |
| 7 | 4 | 6 | 7 | 0 | 0.2 | 25 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|--|------------|---------------------------|
| <i>For greatest accuracy, weigh food on scales that read in grams. All measures are level.</i> | | |
| Plantain, raw | 37 | 1/4 cup |
| | 179 | 1 medium |
| Plantain, sliced, cooked | 39 | 1/4 cup |
| Plums | | |
| Plums, no pit, light syrup | 126 | 1/2 cup |
| Plums, raw | 83 | 1/2 cup |
| | 66 | 1 medium |
| Prunes | | |
| Prunes, dried | 44 | 1/4 cup |
| Prunes, dried, cooked | 70 | 1/4 cup |
| Prunes, heavy syrup | 117 | 1/2 cup |
| Prune juice | 124 | 4 fl oz |
| Raisins | | |
| Raisins, golden, packed | 10 | 1 Tbsp |
| | 41 | 1/4 cup |
| Raisins, seedless, packed | 10 | 1 Tbsp |
| | 41 | 1/4 cup |
| Raspberries | | |
| Raspberries, frozen, with sugar | 63 | 1/4 cup |
| Raspberries, heavy syrup | 128 | 1/2 cup |
| Raspberries, raw | 62 | 1/2 cup |
| Rhubarb, frozen, with sugar | 120 | 1/2 cup |
| Strawberries | | |
| Strawberries, raw | 83 | 1/2 cup |
| | 12 | 1 medium |
| Strawberries, sliced, frozen, with sugar | 128 | 1/2 cup |
| Tangerines (mandarins) | | |
| Tangerine juice, with sugar | 125 | 4 fl oz |
| Tangerines, light syrup | 126 | 1/2 cup |
| Tangerines, raw | 98 | 1/2 cup |
| | 88 | 1 medium |
| Watermelon | 76 | 1/2 cup |
| | 286 | 1 wedge |

VEGETABLES

Weight for raw vegetables is only for parts that can be eaten. Drain canned, cooked, or frozen vegetables before measuring or weighing.

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 23 | 14 | 18 | 12 | 0 | 0.5 | 47 |
| 106 | 64 | 82 | 57 | 1 | 2.3 | 218 |
| 14 | 9 | 11 | 12 | 0 | 0.3 | 47 |
| 13 | 9 | 11 | 20 | 0 | 0.5 | 79 |
| 12 | 12 | 13 | 9 | 1 | 0.6 | 38 |
| 10 | 9 | 11 | 8 | 0 | 0.5 | 30 |
| 29 | 18 | 25 | 28 | 0 | 1 | 106 |
| 21 | 14 | 21 | 20 | 0 | 0.8 | 75 |
| 23 | 23 | 23 | 33 | 0 | 1 | 123 |
| 25 | 12 | 25 | 22 | 0 | 0.8 | 88 |
| 7 | 3 | 10 | 8 | 0 | 0.3 | 30 |
| 29 | 12 | 41 | 33 | 0 | 1.4 | 124 |
| 10 | 6 | 8 | 8 | 0 | 0.3 | 29 |
| 39 | 23 | 34 | 32 | 0 | 1.3 | 123 |
| 25 | 13 | 13 | 16 | 0 | 0.4 | 65 |
| 51 | 26 | 26 | 30 | 0 | 1.1 | 116 |
| 31 | 12 | 18 | 7 | 0 | 0.6 | 30 |
| 24 | 12 | 24 | 37 | 0 | 0.5 | 139 |
| 27 | 12 | 16 | 6 | 0 | 0.5 | 26 |
| 4 | 2 | 2 | 1 | 0 | 0.1 | 4 |
| 34 | 15 | 19 | 33 | 0 | 0.7 | 121 |
| 12 | 6 | 10 | 15 | 0 | 0.6 | 62 |
| 14 | 15 | 24 | 20 | 0 | 0.6 | 77 |
| 27 | 17 | 21 | 13 | 0 | 0.8 | 52 |
| 25 | 15 | 18 | 12 | 0 | 0.7 | 47 |
| 14 | 14 | 12 | 6 | 0 | 0.5 | 23 |
| 51 | 54 | 46 | 22 | 0 | 1.7 | 86 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Asparagus | | |
| Asparagus, canned, drained | 121 | 1/2 cup |
| | 18 | 1 spear (5" long) |
| Asparagus, cooked | 90 | 1/2 cup |
| | 15 | 1 spear (5" long) |
| Asparagus, raw | 67 | 1/2 cup |
| | 16 | 1 spear (5" long) |
| Bamboo shoots | | |
| Bamboo shoots, cooked | 60 | 1/2 cup |
| Bamboo shoots, raw (1/2" pieces) | 76 | 1/2 cup |
| Bean sprouts, mung, raw | 7 | 1 Tbsp |
| | 52 | 1/2 cup |
| Beet greens, cooked | 72 | 1/2 cup |
| Beets | | |
| Beets, canned, slices | 85 | 1/2 cup |
| | 8 | 1 slice |
| Beets, cooked | 85 | 1/2 cup |
| | 50 | 1 whole |
| Beets, raw | 68 | 1/2 cup |
| | 82 | 1 whole |
| Broccoli | | |
| Broccoli, cooked, chopped | 78 | 1/2 cup |
| | 37 | 1 spear (5" long) |
| Broccoli, raw | 46 | 1/2 cup |
| | 31 | 1 spear (5" long) |
| Brussels sprouts, cooked | 78 | 1/2 cup |
| | 21 | 1 sprout |
| Cabbage, shredded | | |
| Cabbage, Chinese, cooked | 85 | 1/2 cup |
| Cabbage, Chinese, raw | 35 | 1/2 cup |
| Cabbage, green, cooked | 75 | 1/2 cup |
| Cabbage, green, raw | 35 | 1/2 cup |
| Cabbage, red, cooked | 75 | 1/2 cup |
| Cabbage, red, raw | 35 | 1/2 cup |
| Cabbage, Savoy, cooked | 73 | 1/2 cup |
| Cabbage, Savoy, raw | 35 | 1/2 cup |
| Carrots | | |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 113 | 96 | 99 | 3 | 1 | 2.6 | 2 |
| 17 | 14 | 15 | 0 | 0 | 0.4 | 3 |
| 126 | 74 | 113 | 4 | 0 | 2.2 | 20 |
| 21 | 12 | 19 | 1 | 0 | 0.4 | 3 |
| 86 | 50 | 77 | 3 | 0 | 1.5 | 13 |
| 20 | 12 | 18 | 1 | 0 | 0.4 | 4 |
| 49 | 31 | 37 | 1 | 0 | 0.9 | 7 |
| 106 | 67 | 81 | 4 | 0 | 2 | 21 |
| 12 | 8 | 8 | 0 | 0 | 0.2 | 2 |
| 91 | 68 | 68 | 3 | 0 | 1.6 | 16 |
| 83 | 38 | 55 | 4 | 0 | 1.9 | 19 |
| 33 | 23 | 27 | 6 | 0 | 0.8 | 26 |
| 3 | 2 | 3 | 1 | 0 | 0.1 | 3 |
| 60 | 43 | 50 | 8 | 0 | 1.4 | 37 |
| 35 | 25 | 29 | 5 | 0 | 0.9 | 22 |
| 46 | 33 | 38 | 7 | 0 | 1.1 | 29 |
| 56 | 39 | 46 | 8 | 0 | 1.3 | 35 |
| 113 | 94 | 111 | 6 | 0.3 | 1.9 | 27 |
| 54 | 45 | 53 | 3 | 0 | 0.9 | 13 |
| 59 | 36 | 58 | 3 | 0 | 1.3 | 46 |
| 40 | 24 | 39 | 2 | 0 | 0.9 | 11 |
| 89 | 78 | 91 | 7 | 0 | 2 | 30 |
| 24 | 21 | 25 | 2 | 0 | 0.5 | 8 |
| 77 | 76 | 59 | 2 | 0 | 1.3 | 10 |
| 31 | 30 | 23 | 1 | 0 | 0.5 | 5 |
| 31 | 23 | 32 | 3 | 0 | 1 | 16 |
| 22 | 21 | 18 | 2 | 0 | 0.5 | 9 |
| 37 | 27 | 38 | 5 | 0 | 1.1 | 22 |
| 16 | 12 | 17 | 3 | 0 | 0.5 | 11 |
| 68 | 66 | 56 | 4 | 0 | 1.3 | 18 |
| 36 | 36 | 30 | 2 | 0 | 0.7 | 10 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Carrots, cooked | 10 | 1 Tbsp |
| | 78 | 1/2 cup |
| Carrots, raw | 8 | 1 Tbsp |
| | 64 | 1/2 cup |
| | 10 | 1 baby |
| Carrots, raw | 61 | 1 medium |
| | 4 | 1 stick |
| Cassava, raw | 408 | 1 piece |
| Cauliflower | | |
| Cauliflower, cooked | 62 | 1/2 cup |
| Cauliflower, frozen, cooked | 90 | 1/2 cup |
| Cauliflower, raw | 54 | 1/2 cup |
| Celery, diced | | |
| Celery, cooked | 7 | 1/2 cup |
| Celery, raw | 7.5 | 1 Tbsp |
| | 51 | 1/2 cup |
| | 4 | 1 stick |
| Chard, Swiss, cooked | 11 | 1 Tbsp |
| | 88 | 1/2 cup |
| Chives, raw | 3 | 1 Tbsp |
| Coleslaw | 8 | 1 Tbsp |
| | 60 | 1/2 cup |
| Coleslaw, fast food | 66 | 1/2 cup |
| Collards | | |
| Collards, cooked | 95 | 1/2 cup |
| Collards, frozen, cooked | 85 | 1/2 cup |
| Cucumber, raw, slices | 52 | 1/2 cup |
| Eggplant, diced | | |
| Eggplant, cooked | 50 | 1/2 cup |
| Eggplant, raw | 41 | 1/2 cup |
| Endive, raw | 25 | 1/2 cup |
| Jicama, sliced, raw | 60 | 1/2 cup |
| | 6 | 1 slice |
| Kale | | |
| Kale, cooked | 65 | 1/2 cup |
| Kale, raw, chopped | 34 | 1/2 cup |
| Kohlrabi, cooked | 83 | 1/2 cup |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 8 | 6 | 6 | 1 | 0 | 0.1 | 4 |
| 66 | 49 | 44 | 6 | 0 | 0.6 | 27 |
| 8 | 6 | 6 | 1 | 0 | 0.1 | 3 |
| 65 | 49 | 44 | 6 | 0 | 0.6 | 26 |
| 10 | 8 | 7 | 1 | 0 | 0.1 | 4 |
| 62 | 47 | 42 | 6 | 0 | 0.6 | 25 |
| 4 | 3 | 3 | 0 | 0 | 0 | 2 |
| 159 | 110 | 143 | 155 | 1 | 5.6 | 653 |
| 66 | 43 | 57 | 3 | 0 | 1.1 | 14 |
| 85 | 55 | 73 | 3 | 0 | 1.5 | 17 |
| 58 | 37 | 68 | 3 | 0 | 1 | 14 |
| 30 | 20 | 26 | 3 | 0 | 0.6 | 14 |
| 2 | 2 | 2 | 0 | 0 | 0.1 | 1 |
| 16 | 11 | 14 | 2 | 0 | 0.4 | 8 |
| 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| 15 | 18 | 13 | 0 | 0 | 0.2 | 2 |
| 119 | 136 | 100 | 4 | 0 | 1.7 | 18 |
| 6 | 4 | 4 | 0 | 0 | 0.1 | 1 |
| 6 | 5 | 5 | 1 | 0 | 0.1 | 6 |
| 49 | 37 | 37 | 7 | 2 | 0.8 | 47 |
| 54 | 46 | 43 | 9 | 7 | 1 | 98 |
| 123 | 81 | 98 | 5 | 1 | 2.6 | 31 |
| 156 | 103 | 123 | 6 | 0 | 2.5 | 31 |
| 13 | 6 | 6 | 2 | 0 | 0.3 | 8 |
| 27 | 19 | 22 | 4 | 0 | 0.4 | 18 |
| 26 | 19 | 22 | 3 | 0 | 0.4 | 11 |
| 24 | 18 | 16 | 1 | 0 | 0.3 | 4 |
| 16 | 10 | 14 | 5 | 0 | 0.4 | 24 |
| 2 | 1 | 1 | 1 | 0 | 0 | 2 |
| 86 | 74 | 68 | 4 | 0 | 1.2 | 18 |
| 67 | 57 | 52 | 3 | 0 | 1 | 14 |
| 59 | 69 | 44 | 6 | 0 | 1.5 | 25 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Leeks | | |
| Leeks, cooked | 52 | 1/2 cup |
| Leeks, raw | 45 | 1/2 cup |
| Lettuce, shredded | | |
| Lettuce, Bibb | 28 | 1/2 cup |
| Lettuce, Cos/Romaine | 24 | 1/2 cup |
| Lettuce, Iceberg | 36 | 1/2 cup |
| Lettuce, leaf | 18 | 1/2 cup |
| Mushrooms | | |
| Mushroom, common, cooked | 10 | 1 Tbsp |
| 78 | | 1/2 cup |
| Mushroom, common, raw | 4 | 1 Tbsp |
| 35 | | 1/2 cup |
| Mushroom, Enoki, raw, whole | 3 | 1 piece |
| Mushroom, Shiitake, cooked | 18 | 1 piece |
| 73 | | 1/2 cup |
| Mushroom, Shiitake, dry | 3.6 | 1 piece |
| Okra | | |
| Okra, cooked | 80 | 1/2 cup |
| Okra, raw | 12 | 1 piece |
| 50 | | 1/2 cup |
| Onion rings, breaded, fried | 12 | 1/4 cup |
| 6 | | 1 piece |
| Onions | | |
| Onions, cooked | 15 | 1 Tbsp |
| 105 | | 1/2 cup |
| Onions, raw | 10 | 1 Tbsp |
| 40 | | 1/4 cup |
| Parsley, raw | 4 | 1 Tbsp |
| 15 | | 1/4 cup |
| 1 | | 1 sprig |
| Parsnips, sliced, cooked | 78 | 1/2 cup |
| Peas with carrots, frozen, cooked | 10 | 1 Tbsp |
| 80 | | 1/2 cup |
| Peas | | |
| Peas, edible pod, cooked | 10 | 1 Tbsp |
| 80 | | 1/2 cup |
| Peas, green, cooked | 10 | 1 Tbsp |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 27 | 15 | 16 | 4 | 0 | 0.4 | 16 |
| 44 | 24 | 26 | 7 | 0 | 0.7 | 28 |
| 20 | 11 | 15 | 1 | 0 | 0.7 | 7 |
| 18 | 11 | 13 | 1 | 0 | 0.3 | 4 |
| 9 | 6 | 9 | 1 | 0 | 0.3 | 5 |
| 14 | 15 | 13 | 1 | 0 | 0.2 | 3 |
| 8 | 5 | 16 | 1 | 0 | 0.2 | 3 |
| 66 | 41 | 127 | 4 | 0 | 1.1 | 22 |
| 5 | 3 | 9 | 0 | 0 | 0.1 | 1 |
| 42 | 27 | 81 | 1 | 0 | 1.1 | 8 |
| 4 | 3 | 7 | 0 | 0 | 0.1 | 1 |
| 17 | 10 | 12 | 3 | 0 | 0.3 | 10 |
| 68 | 40 | 49 | 11 | 0 | 1.1 | 41 |
| 24 | 15 | 17 | 3 | 0 | 0.3 | 11 |
| 79 | 52 | 68 | 6 | 0 | 1.5 | 18 |
| 13 | 8 | 11 | 1 | 0 | 0.2 | 5 |
| 52 | 35 | 45 | 4 | 0 | 1 | 19 |
| 43 | 27 | 27 | 4 | 2 | 0.3 | 33 |
| 21 | 13 | 13 | 2 | 1 | 0.3 | 17 |
| 6 | 6 | 4 | 1 | 0 | 0.2 | 6 |
| 51 | 51 | 33 | 11 | 0 | 1.4 | 46 |
| 3 | 1 | 2 | 1 | 0 | 0.1 | 4 |
| 10 | 6 | 8 | 4 | 0 | 0.4 | 15 |
| 8 | 5 | 7 | 0 | 0 | 0.1 | 1 |
| 31 | 18 | 26 | 1 | 0 | 0.5 | 6 |
| 2 | 1 | 2 | 0 | 0 | 0 | 0 |
| 39 | 39 | 31 | 15 | 0 | 1 | 63 |
| 18 | 11 | 13 | 1 | 0 | 0.3 | 5 |
| 148 | 93 | 106 | 8 | 0 | 2.5 | 39 |
| 27 | 19 | 32 | 1 | 0 | 0.4 | 5 |
| 215 | 151 | 255 | 6 | 0 | 2.8 | 42 |
| 32 | 19 | 23 | 1 | 0 | 0.5 | 8 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Peas, green, edible pod, raw | 80 | 1/2 cup |
| Peas, green, frozen, cooked | 6 | 1 Tbsp |
| | 49 | 1/2 cup |
| Peas, green, frozen, cooked | 10 | 1 Tbsp |
| | 80 | 1/2 cup |
| Peppers | | |
| Green chili | | |
| Green chili, canned | 70 | 1/2 cup |
| Green chili, hot, raw | 45 | 1 piece |
| | 75 | 1/2 cup |
| Jalapeño, chopped, canned | 34 | 1/4 cup |
| Red chili, raw | 38 | 1/4 cup |
| Pepper, sweet, cooked | 12 | 1 Tbsp |
| | 46 | 1/4 cup |
| Pepper, sweet, raw | 9 | 1 Tbsp |
| | 75 | 1/2 cup |
| Pumpkin | | |
| Pumpkin, canned | 16 | 1 Tbsp |
| | 123 | 1/2 cup |
| Pumpkin cooked, mashed | 123 | 1/2 cup |
| Pumpkin pie mix, canned | 17 | 1 Tbsp |
| | 68 | 1/4 cup |
| Purslane | | |
| Purslane, cooked | 29 | 1/4 cup |
| Radish(es) | | |
| Radish, Oriental, cooked | 37 | 1/4 cup |
| Radish, Oriental, raw | 338 | 1 piece |
| Radish, raw | 58 | 1/2 cup |
| | 5 | 1 medium |
| Sauerkraut, solids and liquids | 36 | 1/4 cup |
| Shallots, raw, chopped | 10 | 1 Tbsp |
| Snap beans, raw | 50 | 1/2 cup |
| Soups, Campbell's®. | | |
| Dilute with water only. | | |
| Asparagus cream soup, condensed | 16 | 1 Tbsp |
| Celery cream soup, condensed | 16 | 1 Tbsp |
| Mинestrone soup, condensed | 15 | 1 Tbsp |
| Mushroom cream soup, condensed | 15 | 1 Tbsp |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 257 | 155 | 187 | 11 | 0 | 4.1 | 62 |
| 14 | 10 | 17 | 0 | 0 | 0.2 | 3 |
| 112 | 79 | 134 | 4 | 0 | 1.4 | 21 |
| 31 | 19 | 22 | 1 | 0 | 0.5 | 8 |
| 247 | 149 | 179 | 11 | 0 | 4.1 | 63 |
| | | | | | | |
| 27 | 17 | 22 | 3 | 0 | 0.5 | 15 |
| 47 | 29 | 38 | 4 | 0 | 0.9 | 18 |
| 79 | 49 | 63 | 7 | 0 | 1.5 | 30 |
| 16 | 10 | 13 | 2 | 0 | 0.3 | 9 |
| 41 | 25 | 33 | 4 | 0 | 0.7 | 16 |
| 5 | 4 | 5 | 1 | 0 | 0.1 | 2 |
| 22 | 14 | 18 | 3 | 0 | 0.4 | 12 |
| 3 | 2 | 2 | 0 | 0 | 0.1 | 3 |
| 27 | 18 | 27 | 5 | 0 | 0.7 | 23 |
| | | | | | | |
| 8 | 5 | 6 | 1 | 0 | 0.2 | 5 |
| 63 | 42 | 47 | 10 | 0 | 1.4 | 42 |
| 42 | 28 | 31 | 6 | 0 | 0.9 | 25 |
| 9 | 6 | 6 | 4 | 0 | 0.2 | 18 |
| 34 | 23 | 26 | 18 | 0 | 0.7 | 70 |
| | | | | | | |
| 27 | 16 | 22 | 1 | 0 | 0.4 | 5 |
| | | | | | | |
| 13 | 11 | 11 | 1 | 0 | 0.3 | 6 |
| 105 | 88 | 95 | 14 | 0 | 2 | 61 |
| 18 | 12 | 20 | 2 | 0 | 0.4 | 9 |
| 1 | 1 | 2 | 0 | 0 | 0 | 1 |
| 10 | 8 | 11 | 2 | 0 | 0.3 | 7 |
| 15 | 10 | 11 | 2 | 0 | 0.3 | 7 |
| 56 | 33 | 45 | 3 | 0 | 0.9 | 16 |
| | | | | | | |
| 20 | 12 | 14 | 1 | 1 | 0.3 | 11 |
| 16 | 10 | 11 | 1 | 1 | 0.2 | 12 |
| 30 | 16 | 22 | 1 | 0 | 0.5 | 10 |
| 9 | 3 | 4 | 1 | 1 | 0.2 | 12 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Potato cream soup, condensed | 16 | 1 Tbsp |
| Scotch broth, condensed | 15 | 1 Tbsp |
| Tomato rice soup, condensed | 16 | 1 Tbsp |
| Tomato soup, condensed | 15 | 1 Tbsp |
| Tomato bisque soup, condensed | 16 | 1 Tbsp |
| Vegetable soup, old fashioned, condensed | 16 | 1 Tbsp |
| Vegetable beef soup, condensed | 16 | 1 Tbsp |
| Vegetarian vegetable soup, condensed | 16 | 1 Tbsp |
| Spaghetti sauce, ready-to-serve (RTS) | 17 | 1 Tbsp |
| | 66 | 1/4 cup |
| Spinach | | |
| Spinach, cooked | 11 | 1 Tbsp |
| | 90 | 1/2 cup |
| Spinach, raw | 15 | 1/2 cup |
| Squash | | |
| Acorn squash, cubed, cooked | 103 | 1/2 cup |
| Butternut squash, cubed, cooked | 103 | 1/2 cup |
| Spaghetti squash, cooked | 78 | 1/2 cup |
| Squash, summer, cooked | 90 | 1/2 cup |
| Squash, summer, raw | 57 | 1/2 cup |
| Squash, winter, raw | 58 | 1/2 cup |
| Summer squash, Zucchini, raw | 62 | 1/2 cup |
| Tomatoes | | |
| Tomato, cooked | 120 | 1/2 cup |
| Tomato juice, canned | 122 | 4 fl oz |
| Tomato paste | 16 | 1 Tbsp |
| | 131 | 1/2 cup |
| Tomato puree | 16 | 1 Tbsp |
| | 125 | 1/2 cup |
| Tomato, raw | 90 | 1/2 cup |
| Tomato, stewed, canned | 128 | 1/2 cup |
| Tomato sauce, canned | 123 | 1/2 cup |
| Turnip greens | | |
| Turnip greens, cooked | 72 | 1/2 cup |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 15 | 10 | 12 | 2 | 0 | 0.2 | 12 |
| 40 | 23 | 27 | 1 | 0 | 0.6 | 10 |
| 13 | 8 | 8 | 3 | 0 | 0.3 | 15 |
| 12 | 7 | 8 | 2 | 0 | 0.2 | 10 |
| 15 | 9 | 11 | 3 | 0 | 0.3 | 15 |
| 18 | 12 | 12 | 1 | 0 | 0.3 | 8 |
| 45 | 26 | 31 | 1 | 0 | 0.7 | 10 |
| 19 | 12 | 12 | 2 | 0 | 0.3 | 9 |
| 8 | 6 | 6 | 2 | 0 | 0.3 | 10 |
| 33 | 25 | 25 | 6 | 1 | 1 | 37 |
| 26 | 17 | 19 | 0 | 0 | 0.3 | 3 |
| 208 | 137 | 151 | 3 | 0 | 2.7 | 21 |
| 34 | 23 | 25 | 1 | 0 | 0.4 | 3 |
| 66 | 45 | 49 | 15 | 0 | 1.2 | 58 |
| 52 | 36 | 40 | 11 | 0 | 0.9 | 41 |
| 26 | 18 | 20 | 5 | 0 | 0.5 | 21 |
| 48 | 30 | 37 | 2 | 0 | 1 | 14 |
| 39 | 24 | 30 | 2 | 0 | 0.7 | 9 |
| 48 | 33 | 35 | 5 | 0 | 0.6 | 20 |
| 44 | 27 | 33 | 2 | 0 | 0.8 | 11 |
| 47 | 31 | 32 | 5 | 0 | 1.1 | 22 |
| 26 | 18 | 18 | 5 | 0 | 0.9 | 21 |
| 20 | 14 | 14 | 3 | 0 | 0.7 | 13 |
| 162 | 117 | 115 | 25 | 1 | 5.7 | 108 |
| 7 | 5 | 5 | 1 | 0 | 0.3 | 6 |
| 59 | 40 | 41 | 12 | 0 | 2.1 | 48 |
| 23 | 16 | 16 | 4 | 0 | 0.8 | 16 |
| 45 | 28 | 32 | 8 | 0 | 1.1 | 33 |
| 47 | 33 | 33 | 7 | 0 | 1.6 | 30 |
| 76 | 42 | 55 | 3 | 0 | 0.8 | 14 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Turnip greens with turnips, frozen, cooked | 82 | 1/2 cup |
| Turnips | | |
| Turnips, cubed, cooked | 78 | 1/2 cup |
| Turnips, cubed, raw | 65 | 1/2 cup |
| Vegetable juice cocktail | 121 | 4 fl oz |
| Vegetable mix, frozen, cooked | 91 | 1/2 cup |
| Watercress, raw | 2 | 1 Tbsp |
| | 17 | 1/2 cup |
| Apple juice | 124 | 4 fl oz |
| Apple sliced, raw, with skin | 28 | 1/4 cup |
| Applesauce, canned | | |
| Applesauce, canned, no sugar | 122 | 1/2 cup |
| Applesauce, canned, with sugar | 123 | 1/2 cup |
| Butterscotch chips | 10 | 1 Tbsp |
| Catsup | 9 | 1 packet |
| | 15 | 1 Tbsp |
| Chocolate, semisweet | 10 | 1 Tbsp |
| Chocolate flavor powder | 10 | 1 Tbsp |
| Coffee, instant powder | | |
| Coffee, instant, powder, decaf | 2 | 1 tsp |
| Coffee, instant, powder, regular | 2 | 1 tsp |
| Frosting, ready-to-eat | | |
| Frosting, chocolate | 21 | 1 Tbsp |
| Frosting, coconut | 21 | 1 Tbsp |
| Frosting, cream cheese | 17 | 1 Tbsp |
| Frosting, sour cream | 17 | 1 Tbsp |
| Frosting, strawberry | 17 | 1 Tbsp |
| Frosting, vanilla | 17 | 1 Tbsp |
| Fruit ice | 48 | 1/4 cup |
| Horseradish, prepared | 15 | 1 Tbsp |
| Marshmallow creme | 8 | 1 Tbsp |
| Marshmallows | 7 | 1 piece |
| Mustard, yellow, prepared | 5 | 1 packet |
| Papaya nectar, canned | 125 | 4 fl oz |
| Papaya, cubed, raw | 70 | 1/2 cup |
| Peach nectar | 125 | 4 fl oz |
| Pear nectar | 125 | 4 fl oz |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 211 | 124 | 158 | 4 | 0 | 2.5 | 29 |
| 20 | 23 | 18 | 4 | 0 | 0.6 | 17 |
| 21 | 23 | 20 | 4 | 0 | 0.6 | 18 |
| 24 | 12 | 12 | 5 | 0 | 0.8 | 23 |
| 173 | 127 | 136 | 12 | 0 | 2.6 | 54 |
| 3 | 2 | 3 | 0 | 0 | 0 | 0 |
| 27 | 15 | 23 | 0 | 0 | 0.4 | 2 |
| 4 | 2 | 2 | 15 | 0 | 0.1 | 58 |
| 4 | 2 | 3 | 4 | 0 | 0.1 | 14 |
| 12 | 7 | 10 | 7 | 0 | 0.1 | 26 |
| 14 | 9 | 10 | 11 | 0 | 0.1 | 42 |
| 21 | 13 | 14 | 7 | 3 | 0.2 | 54 |
| 2 | 2 | 2 | 2 | 0 | 0.1 | 10 |
| 4 | 3 | 3 | 4 | 0 | 0.2 | 17 |
| 26 | 16 | 25 | 6 | 3 | 0.4 | 48 |
| 16 | 10 | 15 | 9 | 0 | 0.3 | 35 |
| 9 | 3 | 5 | 2 | 0 | 0.2 | 7 |
| 10 | 3 | 6 | 2 | 0 | 0.2 | 7 |
| 14 | 9 | 14 | 13 | 4 | 0.2 | 83 |
| 20 | 12 | 15 | 11 | 5 | 0.3 | 87 |
| 0 | 0 | 0 | 11 | 3 | 0 | 71 |
| 1 | 1 | 1 | 10 | 3 | 0 | 62 |
| 0 | 0 | 0 | 12 | 3 | 0 | 72 |
| 2 | 1 | 1 | 12 | 3 | 0 | 71 |
| 5 | 5 | 10 | 16 | 0 | 0.2 | 62 |
| 66 | 38 | 51 | 2 | 0 | 0.2 | 7 |
| 5 | 2 | 4 | 6 | 0 | 0.1 | 26 |
| 5 | 2 | 4 | 6 | 0 | 0.1 | 23 |
| 15 | 8 | 10 | 0 | 0 | 0.2 | 3 |
| 5 | 3 | 4 | 18 | 0 | 0.2 | 71 |
| 12 | 6 | 7 | 7 | 0 | 0.4 | 29 |
| 25 | 12 | 25 | 17 | 0 | 0.3 | 67 |
| 13 | 4 | 5 | 20 | 0 | 0.1 | 75 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|------|------------|---------------------------|
|------|------------|---------------------------|

For greatest accuracy, weigh food on scales that read in grams. All measures are level.

Pickles

| | | |
|----------------------|----|---------|
| Pickle, dill | 7 | 1 piece |
| Pickle, sweet | 6 | 1 piece |
| Pickle relish | | |
| Pickle relish, dill | 15 | 1 Tbsp |
| Pickle relish, sweet | 15 | 1 Tbsp |

Pie filling

| | | |
|------------------------|----|---------|
| Apple pie filling | 62 | 1/4 cup |
| Cherry pie filling | 65 | 1/4 cup |
| Peach pie filling | 67 | 1/4 cup |
| Strawberry pie filling | 62 | 1/4 cup |

Soy sauce

| | | |
|-------------------|----|--------|
| Soy sauce, shoyu | 16 | 1 Tbsp |
| Soy sauce, tamari | 18 | 1 Tbsp |
| Tartar sauce | 14 | 1 Tbsp |

FREE FOODS B

These foods contain little or no ILE, LEU, or VAL. They may be used as desired if the patient is not overweight, does not have dental caries, and if they do not depress the appetite for prescribed foods.

| | | |
|-------------------------------|-----|---------|
| Candy corn | 13 | 1 Tbsp |
| Cola | 123 | 4 fl oz |
| Cornstarch | 8 | 1 Tbsp |
| Corn syrup | 20 | 1 Tbsp |
| Cranberry-apple juice drink | 126 | 4 fl oz |
| Garlic cloves, raw | 3 | 1 piece |
| Guava sauce, cooked | 15 | 1 Tbsp |
| | 119 | 1/2 cup |
| Guava, diced, raw | 83 | 1/2 cup |
| Lemonade, frozen, concentrate | 122 | 4 fl oz |
| Lemonade powder | 14 | 1 Tbsp |
| Maple syrup | 20 | 1 Tbsp |
| Molasses, blackstrap | 20 | 1 Tbsp |
| Oil | | |
| Olive oil | 14 | 1 Tbsp |
| Vegetable oil | 14 | 1 Tbsp |
| Oil-vinegar dressing | 16 | 1 Tbsp |
| Orange drink powder | 13 | 1 Tbsp |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 2 | 1 | 1 | 2 | 0 | 0 | 1 |
| 2 | 1 | 1 | 2 | 0 | 0 | 7 |
| 5 | 5 | 3 | 0 | 0 | 0.1 | 3 |
| 3 | 2 | 2 | 5 | 0 | 0.1 | 19 |
| 3 | 2 | 2 | 15 | 0 | 0.1 | 62 |
| 8 | 5 | 7 | 18 | 0 | 0.2 | 76 |
| 13 | 7 | 13 | 25 | 0 | 0.2 | 71 |
| 19 | 6 | 13 | 16 | 0 | 0.3 | 68 |
| 86 | 51 | 53 | 0 | 0 | 1.3 | 8 |
| 133 | 88 | 94 | 1 | 0 | 1.9 | 11 |
| 17 | 13 | 14 | 1 | 8 | 0.2 | 74 |

| | | | | | | |
|----|----|----|----|----|-----|-----|
| 0 | 0 | 0 | 12 | 0 | 0 | 47 |
| 0 | 0 | 0 | 13 | 0 | 0 | 50 |
| 3 | 1 | 1 | 7 | 0 | 0 | 30 |
| 0 | 0 | 0 | 15 | 0 | 0 | 58 |
| 3 | 1 | 1 | 22 | 0 | 0.1 | 85 |
| 9 | 7 | 9 | 1 | 0 | 0.2 | 4 |
| 3 | 2 | 2 | 1 | 0 | 0.1 | 5 |
| 25 | 14 | 13 | 11 | 0 | 0.4 | 43 |
| 47 | 26 | 24 | 10 | 1 | 0.7 | 42 |
| 1 | 1 | 1 | 13 | 0 | 0.1 | 49 |
| 0 | 0 | 0 | 14 | 0 | 0 | 53 |
| 0 | 0 | 0 | 13 | 0 | 0 | 52 |
| 0 | 0 | 0 | 12 | 0 | 0 | 46 |
| 0 | 0 | 0 | 0 | 14 | 0 | 124 |
| 0 | 0 | 0 | 0 | 14 | 0 | 124 |
| 0 | 0 | 0 | 0 | 8 | 0 | 72 |
| 0 | 0 | 0 | 12 | 0 | 0 | 48 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Shortening | 12 | 1 Tbsp |
| Strawberry drink powder | 10 | 1 Tbsp |
| Sugar | | |
| Brown sugar | 14 | 1 Tbsp |
| Granulated sugar | 12 | 1 Tbsp |
| Powdered sugar | 8 | 1 Tbsp |
| Table syrup | 20 | 1 Tbsp |
| Tallow, beef | 13 | 1 Tbsp |
| Tapioca, dry | 10 | 1 Tbsp |
| Tea, brewed | 118 | 4 fl oz |
| Thirst Quencher® | 120 | 4 fl oz |
| Pedialyte® Unflavored | 125 | 4 fl oz |
| LOW PROTEIN | | |
| Aproten Annellini | 62 | 2.2 oz dry |
| Aproten Bucatini | 62 | 2.2 oz dry |
| Aproten Chicchi | 62 | 2.2 oz dry |
| Aproten Ditalini | 62 | 2.2 oz dry |
| Aproten Fettuccini | 62 | 2.2 oz dry |
| Aproten Fusilli | 62 | 2.2 oz dry |
| Aproten Linguine | 62 | 2.2 oz dry |
| Aprotein Penne | 62 | 2.2 oz dry |
| Aprotein Pipe | 62 | 2.2 oz dry |
| Aprotein Rigatini | 62 | 2.2 oz dry |
| Aprotein Sedani | 62 | 2.2 oz dry |
| Aprotein Spaghetti | 62 | 2.2 oz dry |
| Aprotein Tagliatelle | 62 | 2.2 oz dry |
| Alfredo Sauce Mix | 8 | 1 Tbsp |
| American Cheese Singles | 19 | 1 slice |
| Apple Breakfast Bars | 63 | 1 bar |
| Artisan Bread | 52 | 1/3 roll |
| Baby Boule Artisan Bread | 56 | 1/4 boule |
| Bagel Bars - French Toast | 53 | 1 bagel |
| Bagels - Cinnamon Raisin | 53 | 1 bagel |
| Bagels - Onion | 53 | 1 bagel |
| Bagels - Plain | 53 | 1 bagel |
| Baking Mix | 100 | 1 cup |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 0 | 0 | 0 | 0 | 12 | 0 | 106 |
| 0 | 0 | 0 | 10 | 0 | 0 | 39 |
| 0 | 0 | 0 | 14 | 0 | 0 | 53 |
| 0 | 0 | 0 | 12 | 0 | 0 | 46 |
| 0 | 0 | 0 | 8 | 0 | 0 | 31 |
| 0 | 0 | 0 | 13 | 0 | 0 | 50 |
| 0 | 0 | 0 | 0 | 13 | 0 | 11 |
| 1 | 0 | 1 | 9 | 0 | 0 | 35 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0 | 0 | 0 | 8 | 0 | 0 | 3 |
| 0 | 0 | 0 | 3 | 0 | 0 | 12 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.2 | 210 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 22 | 7 | 11 | 49 | 1 | 0.3 | 215 |
| 27 | 17 | 18 | 5 | 0 | 0.3 | 25 |
| 4 | 2 | 5 | 3 | 2.5 | 0.4 | 35 |
| 37 | 20 | 26 | 31 | 9 | 0.4 | 210 |
| 39 | 18 | 22 | 28 | 2 | 0.3 | 130 |
| 8 | 6 | 7 | 28 | 2 | 0.3 | 130 |
| 8 | 6 | 7 | 26 | 5 | 0.5 | 140 |
| 33 | 17 | 23 | 26 | 1.5 | 0.4 | 130 |
| 34 | 21 | 23 | 26 | 1.5 | 0.4 | 130 |
| 34 | 21 | 23 | 25 | 1.5 | 0.4 | 130 |
| 32 | 16 | 21 | 79 | 10 | 0.4 | 410 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Blueberry Breakfast Bars | 71 | 1 bar |
| Blueberry Scones | 58 | 1 scone |
| Brookelyn Dog Buns | 89 | 1 bun |
| Brookelyn Dog | 56 | 1 dog |
| Butterscotch Chip Cookies | 35 | 1 cookie |
| Camburger Buns | 80 | 1 bun |
| Camburgers | 71 | 1 burger |
| Cheddar Shreds | 30 | 1/3 cup |
| Cheddar Whiz | 28 | 2 Tbsps |
| Cheese Filled Meatballs | 72 | 2 veggie balls |
| Cheese Pizza | 139 | 1 pizza |
| Cheese Ravioli | 54 | 4 raviolis |
| Chicken Consomme | 3 | 1 teaspoon |
| Chocolate Cha-Chas | 24 | 4 pieces |
| Cinnamon and Raisin Gems | 45 | 1 cookie |
| Cinnamon Raisin Swirl Bread | 50 | 1 slice |
| Corny Dogs | 50 | 1 dog |
| Cranberry Scones | 58 | 1 scone |
| Eggz | 16 | 1/4 cup |
| Focaccia Sticks - Italian Style | 51 | 1 stick |
| Fudgy Brownies | 38 | 1/6 tray |
| Gingerbread | 57 | 1/4 of a tray |
| Go! Pockets - Burrito | 130 | 1 pocket |
| Go! Pockets - Cheesy Broccoli | 130 | 1 pocket |
| Go! Pockets - Samosa | 130 | 1 pocket |
| Gourmet Chocolate Chip Cookie Dough | 28 | 1 cookie |
| Homestyle Bread | 50 | 1 slice |
| Instant Noodle Soup - Beef | 43 | 1.5 oz dry |
| Instant Noodle Soup - Chicken | 43 | 1.5 oz dry |
| Jalapeno Cheese Singles | 19 | 1 slice |
| Marinara Minis | 65 | 1 marinara cup |
| Medley Meals - Barbecue Bake | 320 | 1 tray |
| Medley Meals - Vegetable Masala | 320 | 1 tray |
| Medley Meals - Thai | 320 | 1 tray |
| Mini Pockets - PB&J | 86 | 2 pockets |
| Mini Pockets - Pizza | 84 | 2 pockets |
| MixQuick | 100 | 1 cup |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 35 | 17 | 21 | 34 | 9 | 0.4 | 220 |
| 14 | 7 | 10 | 35 | 9 | 0.2 | 220 |
| 17 | 8 | 9 | 47 | 7 | 0.3 | 250 |
| 49 | 21 | 28 | 16 | 3.5 | 0.5 | 80 |
| 7 | 4 | 5 | 23 | 7 | 0.1 | 150 |
| 11 | 6 | 9 | 44 | 2.5 | 0.3 | 200 |
| 85 | 57 | 85 | 16 | 3 | 1.3 | 90 |
| 66 | 36 | 42 | 7 | 6 | 0.7 | 80 |
| 70 | 39 | 45 | 4 | 6 | 0.75 | 70 |
| 52 | 28 | 41 | 20 | 4.5 | 1.2 | 130 |
| 67 | 38 | 45 | 56 | 8 | 1 | 300 |
| 31 | 14 | 17 | 24 | 3 | 0.4 | 120 |
| 2 | 1 | 1 | 1 | 0 | 0.2 | 5 |
| 31 | 17 | 23 | 14 | 9 | 0.3 | 140 |
| 27 | 17 | 19 | 24 | 10 | 0.3 | 180 |
| 15 | 5 | 10 | 27 | 1.5 | 0.2 | 140 |
| 26 | 11 | 15 | 24 | 7 | 0.3 | 160 |
| 10 | 3 | 5 | 35 | 9 | 0.2 | 220 |
| 8 | 6 | 6 | 12 | 2.5 | 0.1 | 70 |
| 21 | 12 | 16 | 24 | 3 | 0.3 | 120 |
| 23 | 13 | 18 | 22 | 8 | 0.27 | 160 |
| 9 | 6 | 7 | 26 | 8 | 0.2 | 170 |
| 42 | 26 | 48 | 48 | 4.5 | 0.9 | 230 |
| 150 | 89 | 122 | 53 | 8 | 2 | 300 |
| 68 | 42 | 63 | 46 | 5 | 1 | 240 |
| 4 | 2 | 3 | 16 | 6 | 0.2 | 120 |
| 7 | 5 | 8 | 27 | 2 | 0.1 | 130 |
| 36 | 20 | 26 | 34 | 0 | 1 | 140 |
| 40 | 22 | 29 | 35 | 0 | 1 | 150 |
| 36 | 20 | 25 | 3 | 2.5 | 0.4 | 35 |
| 39 | 33 | 20 | 3 | 2 | 1 | 35 |
| 84 | 48 | 96 | 109 | 3 | 1.9 | 470 |
| 78 | 42 | 61 | 63 | 4 | 1.6 | 300 |
| 194 | 115 | 158 | 63 | 7 | 2.9 | 340 |
| 43 | 25 | 29 | 41 | 7 | 0.5 | 230 |
| 49 | 26 | 31 | 32 | 5 | 0.7 | 180 |
| 7 | 4 | 8 | 80 | 9 | 0.2 | 400 |

TABLE FOODS

| Name | Weight (g) | Approx. Household Measure |
|---|------------|---------------------------|
| For greatest accuracy, weigh food on scales that read in grams. All measures are level. | | |
| Mozzarella Shreds | 30 | 1/3 cup |
| Pasta Duets - Creamy Garlic & Broccoli Rice | 66 | 2.3 oz dry |
| Pasta Duets - Instant Stivaletti Alfredo | 66 | 2.3 oz dry |
| Pasta Duets - Mac & Cheese | 66 | 2.3 oz dry |
| Pasta Duets - White Cheddar Mac | 66 | 2.3 oz dry |
| Pasta Solo - Elbows | 57 | 2 oz dry |
| Pea-Not Butter | 28 | 2 Tbsps |
| Peanut Butter Chocolate Chip Cookies | 35 | 1 cookie |
| Pierogi | 58 | 4 pierogi |
| Pita Pockets | 45 | 1/2 pita |
| Pizza Blanca | 150 | 1 pizza |
| Pizza Primavera | 165 | 1 pizza |
| Portabella Spinach Ravioli | 56 | 4 raviolis |
| Pumpkin Raisin Cookies | 34 | 1 cookie |
| Raspberry Gems | 36 | 1 cookie |
| Shake N Cheese | 3 | 1 teaspoon |
| Short Grain Rice | 50 | 1/3 cup |
| Southwestern Biscuits | 50 | 1 biscuit |
| Sugar Cookie Dough | 28 | 1 cookie |
| Swiss Cheese Singles | 19 | 1 slice |
| The Bigger Bagel - Apple Cinnamon | 84 | 1 bagel |
| The Bigger Bagel - Garlic | 81 | 1 bagel |
| The Bigger Bagel - Plain | 81 | 1 bagel |
| Toasted Pierogies | 60 | 3 pierogies |
| Toaster Topz - Banana Chip | 52 | 1 toaster Topz |
| Tortilla Chips - Sea Salt | 28 | 1 bag |
| Tortilla Chips - Sweet Chili | 28 | 1 bag |
| Tortilla Wraps | 53 | 1 tortilla |
| Tuscan Pizza Crusts | 52 | 1/4 crust |
| Tweekz | 96 | 3 pieces |
| Veggie Meatballs | 64 | 2 veggie balls |
| Wheat Starch | 100 | 3/4 cup |
| Wise Onion Rings | 14 | 1 bag |

| LEU | ILE | VAL | CHO (g) | Fat (g) | Protein (g) | Energy (kcal) |
|-----|-----|-----|---------|---------|-------------|---------------|
| 70 | 39 | 48 | 7 | 6 | 0.7 | 80 |
| 48 | 24 | 33 | 54 | 0.5 | 0.6 | 230 |
| 48 | 26 | 25 | 55 | 0 | 0.6 | 220 |
| 50 | 27 | 27 | 54 | 1 | 0.5 | 230 |
| 52 | 28 | 13 | 54 | 1.5 | 0.5 | 240 |
| 17 | 7 | 3 | 49 | 0 | 0.1 | 200 |
| 57 | 33 | 40 | 5 | 9 | 0.65 | 100 |
| 11 | 3 | 5 | 23 | 8 | 0.2 | 160 |
| 38 | 22 | 28 | 26 | 1 | 0.4 | 120 |
| 10 | 4 | 5 | 25 | 1 | 0.3 | 120 |
| 75 | 41 | 50 | 53 | 10 | 1.1 | 300 |
| 108 | 65 | 81 | 54 | 8 | 2.5 | 290 |
| 29 | 18 | 25 | 24 | 2 | 0.6 | 120 |
| 8 | 4 | 6 | 24 | 2 | 0.6 | 120 |
| 24 | 13 | 19 | 21 | 5 | 0.3 | 130 |
| 11 | 6 | 8 | 2 | 0.5 | 0.1 | 10 |
| 20 | 8 | 12 | 42 | 0 | 0.3 | 180 |
| 22 | 11 | 15 | 24 | 9 | 0.3 | 180 |
| 3 | 1 | 2 | 18 | 6 | 0.2 | 120 |
| 37 | 20 | 26 | 3 | 2.5 | 0.4 | 35 |
| 49 | 25 | 34 | 40 | 3 | 0.6 | 170 |
| 49 | 25 | 34 | 37 | 3 | 0.6 | 160 |
| 48 | 24 | 32 | 37 | 3 | 0.5 | 160 |
| 32 | 19 | 24 | 29 | 7 | 0.4 | 180 |
| 9 | 5 | 7 | 34 | 5 | 0.1 | 160 |
| 3 | 3 | 3 | 18 | 8 | 0.2 | 145 |
| 6 | 3 | 5 | 19 | 8 | 0.2 | 143 |
| 8 | 4 | 20 | 34 | 4.5 | 0.2 | 180 |
| 10 | 4 | 5 | 29 | 1.5 | 0.3 | 130 |
| 60 | 39 | 50 | 27 | 10 | 1.2 | 200 |
| 46 | 20 | 27 | 20 | 3 | 1 | 110 |
| 9 | 4 | 7 | 88 | 0.5 | 0.3 | 370 |
| 7 | 4 | 5 | 10 | 3 | 0.3 | 70 |

Use for your additional food choices.

Use for your additional food choices.

RECIPES

KOOL-AID®-FLAVORED KETONEX®-1

Yield: 8 fl oz
40 g Ketonex-1
3 Tbsp, **level**, sugar¹
¼ tsp Kool-Aid or Wyler's® **Unsweetened** Soft Drink Mix²

Add water to ingredients to make 8 fl oz. Mix in a blender at lowest speed no more than 4 seconds. Or, shake briskly in a closed container for 10 to 12 seconds. Serve chilled.

| Nutrient | 1 fl oz | 8 fl oz |
|----------------|---------|---------|
| Isoleucine, mg | 0 | 0 |
| Leucine, mg | 0 | 0 |
| Valine, mg | 0 | 0 |
| Protein, g | .75 | 6.0 |
| Energy, kcal | 42 | 336 |

¹ Concentration may be too high if more sugar is added, which may cause bloating and diarrhea.

² The amount of drink mix may be varied according to taste preference.

KOOL-AID®-FLAVORED KETONEX®-2

Yield: 16 fl oz
40 g Ketonex-2
3 Tbsp, **level**, sugar¹
½ tsp Kool-Aid or Wyler's® **Unsweetened** Soft Drink Mix²

Add water to ingredients to make 16 fl oz. Mix in a blender at lowest speed no more than 4 seconds. Or, shake briskly in a closed container for 10 to 12 seconds. Serve chilled.

| Nutrient | 16 fl oz |
|----------------|----------|
| Isoleucine, mg | 0 |
| Leucine, mg | 0 |
| Valine, mg | 0 |
| Protein, g | 12 |
| Energy, kcal | 293 |

¹ Concentration may be too high if more sugar is added, which may cause bloating and diarrhea.

² The amount of drink mix may be varied according to taste preference.

FRUIT JUICE-FLAVORED KETONEX®-2

Yield: 8 fl oz
20 g Ketonex-2
3 fl oz concentrated apple, grape, or orange juice
Water (room temperature) to make 8 fl oz

Warm juice concentrate to room temperature. Place all ingredients in a blender and mix at lowest speed no more than 4 seconds. Or, shake briskly in a closed container for 10 to 12 seconds. Serve chilled.

| Nutrient | Apple juice | Grape juice | Orange juice |
|--|-------------|-------------|--------------|
| Isoleucine, mg | 21 | 9 | 27 |
| Leucine, mg | 33 | 15 | 48 |
| Valine, mg | 24 | 12 | 42 |
| Protein, g | 6.5 | 6.7 | 8.6 |
| Energy, kcal | 257 | 275 | 252 |
| Osmolality (approximate mOsm/kg water) | <1000 | ≈1050 | <1000 |

ADDITIONAL TIPS FOR FLAVORING KETONEX MEDICAL FOOD

- Add chocolate or strawberry syrup.
- Mix Ketonex with fruit to make a “smoothie.”
- Freeze flavored medical food into “slushies” or “popsicles.”
- Add dry Ketonex to pudding (lemon, tapioca, vanilla, etc.) mixture. Prepare pudding with non-dairy creamer.

Use low protein food lists to calculate protein content of flavorings.

RESOURCES

Support Groups/Newsletters

MSUD Family Support Group

Email: secretary@msud-support.org
Website: www.msud-support.org

Low-Protein Food Suppliers

Canbrands Specialty Foods, Inc.

3500 Laird Rd.
Mississauga, Ontario, Canada L5L 5Y4
Phone: (905) 829-6003
Email: helpdesk@canbrands.ca
Web site: www.canbrands.ca

Dietary Specialties

8 S. Commons Rd.
Waterbury, CT 06704
Phone: (888) 640-2800
Web site: www.dietspec.com

Ener-G® Foods, Inc.

5960 First Avenue South
Seattle, WA 98108
Phone: (800) 331-5222; (206) 767-3928
Fax: (206) 764-3398
E-mail: customerservice@ener-g.com
Web site: www.ener-g.com

Med-Diet™ Laboratories, Inc.

3600 Holly Lane, Suite 80
Plymouth, MN 55447
Phone: (800) 633-3438 (MED-DIET);
(763) 550-2020
Fax: (763) 550-2022
E-mail: info@med-diet.com
Web site: www.med-diet.com

PKU Perspectives

PO Box 696
Pleasant Grove, UT 84062
Phone: (866) PKU-FOOD; (801) 785-7722
Fax: (866) 701-3788
Web site: www.pkuperspectives.com

Taste Connections, LLC

Phone/Fax: (310) 371-8861
E-mail: tastecconnect@verizon.net
Web site: www.tasteconnections.com

Disclaimer

Abbott provides this booklet to health care professionals to help them counsel families with MSUD and to families to help them with meal plans. Values listed in the booklet have been derived from the

- MetabolicPro web-based nutrient analysis program, GMDI, Hillsborough, NC.
- U.S. Department of Agriculture, Agricultural Research Service, USDA Nutrient Data Laboratory, 2015. USDA National Nutrient Database for Standard Reference, Release 28
- Manufacturer provided data.

Values may change due to reformulations or other processing changes by individual companies between the time the booklet is released and the next update of the food lists. Values in the food lists may be based on the results of laboratory analysis by manufacturers or calculated by using appropriate algorithms, factors, or recipes. Only foods with complete amino acid profiles were included. Mention of trade names, commercial products, or companies in this publication is solely for the purpose of providing specific information and does not imply recommendation or endorsement by Abbott Nutrition, Abbott Laboratories over others not mentioned.

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