# Product Information: I-Valex®-2

## I-Valex®-2

## **Amino Acid-Modified Medical Food**

- 1 Nutrition support of children and adults with a disorder of leucine catabolism.
- 1 Leucine-free.
- 1 Use under medical supervision.
- 1 Nutrient profile specifically designed for children and adults.
- 1 When fed according to the Abbott Nutrition Support Protocols, provides adequate amounts of all nutrients.
- 1 Leucine-free to allow greater intake of intact protein.
- 1 30% of energy as fat to help supply essential fatty acids.
- 1 Isoleucine and valine to help prevent deficiency of these amino acids.
- 1 Glycine (2000 mg/100 g) to bind with acyl groups and help enhance their excretion in a nontoxic form.
- 1 L-carnitine (1800 mg/100 g) to help supply amount normally found in foods of animal origin and help excrete toxic metabolites.
- Halal.
- Gluten-free.
- Lactose-free.

## Safety Precautions

- 1 Give only to children and adults with a proven disorder of leucine catabolism who are under medical supervision. Must be supplemented with protein and fluid in prescribed amounts to completely meet leucine and water requirements.
- 1 Not intended as a sole source of nutrition.
- Do not heat or use in cooking.
- 1 Not for IV use.
- Not for infants under 1 year of age.
- 1 This medical food should not be heated or used in cooking.

## **Ingredients**

#### **Powder Unflavored:**

Corn Syrup Solids, L-Alanine, High Oleic Safflower Oil, Coconut Oil, Sodium Citrate, Soy Oil, L-Glutamic Acid, L-Aspartic Acid, L-Arginine, L-Proline, L-Lysine Acetate, Calcium Phosphate, L-Glycine, L-Carnitine, L-Tyrosine. Less than 2% of the Following: L-Phenylalanine, Magnesium Phosphate, Potassium Chloride, L-Serine, L-Threonine, Silicon Dioxide, L-Valine, L-Isoleucine, L-Histidine, DATEM, Potassium Citrate, Potassium Phosphate, L-Methionine, L-Cystine Dihydrochloride, L-Tryptophan, Calcium Carbonate, Ascorbic Acid, Taurine, Choline Chloride, m-Inositol, Ferrous Sulfate, Zinc Sulfate, Niacinamide, dl-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Ascorbyl Palmitate, Mixed Tocopherols, Cupric Sulfate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Pyridoxine Hydrochloride, Folic Acid, Chromium Chloride, Potassium Iodide, Beta-Carotene, Biotin, Sodium Selenate, Phylloquinone, Sodium Molybdate, Vitamin D3, and Cyanocobalamin.

## **Availability**

List Number	ltem
51138	I-Valex-2 Powder / 14.1-oz (400-g) Can / 6 ct





## **Nutrition Information - Powder Unflavored**

Nutrition Information - Powder Unflavored		
	100 g Powder	
	Value	
Protein Equivalent Source	L-Amino Acids	
Fat Source	High Oleic Safflower, Coconut and Soy Oils	
Carbohydrate Source	Corn Syrup Solids	
Protein Equivalent, g	30.0	
Fat, g	13.0	
Carbohydrate, g	35.0	
Linoleic Acid, mg	2200	
Linolenic Acid, mg	225	
L-Carnitine, mg	1800	
Calories	410	
Vitamin A, IU	2200	
Vitamin A, mcg RE	660	
Vitamin D, IU	300	
Vitamin D, mcg	7.5	
Vitamin E, IU	18	
Vitamin E, mg alpha-TE	12.1	
Vitamin K, mcg	60	
Thiamin (Vitamin B1), mg	3.3	
Riboflavin (Vitamin B2), mg	1.8	
Vitamin B6, mg	1.3	
Vitamin B12, mcg	5.0	
Niacin, mg	16	
Niacin, mg NE	21.7	
Folic Acid (Folacin), mcg	430	
Pantothenic Acid, mg	8.0	
Biotin, mcg	100	
Vitamin C (Ascorbic Acid), mg	60	
Choline, mg	100	
Inositol, mg	70	
Calcium, mg	880	
Phosphorus, mg	760	
Magnesium, mg	225	
Iron, mg	13	
Zinc, mg	13	
Manganese, mg	0.8	
Copper, mg	1.0	
lodine, mcg	100	
Selenium, mcg	35	
Chromium, mcg	27	



#### **Nutrition Information - Powder Unflavored**

	100 g Powder	
	Value	
Molybdenum, mcg	30	
Sodium, mg	880	
Sodium, mEq	38.3	
Potassium, mg	1370	
Potassium, mEq	35.0	
Chloride, mg	940	
Chloride, mEq	26.5	

## **Preparation**

#### Directions for Preparation and Use: Use Only As Directed by a Physician

Depending on specific needs of each individual, preparation will vary as prescribed by physician. Follow physician's instructions carefully.

- 1 Wash your hands, surfaces and utensils.
- 1 Pour prescribed amount of water into a clean container.
- 1 Add prescribed amount of I-Valex-2 powder (and other ingredients if recommended).
- 1 Shake well for 10-15 seconds; if using a blender, mix no more than 5 seconds.
- Pour mixture into clean feeding cup or container; cap.
- 1 Serve chilled. Once feeding begins, use within 1 hour or discard.

#### **Helpful Hints**

- 1 Add sweetened drink crystals to enhance flavor.
- 1 Add chocolate or strawberry syrup.
- 1 Mix I-Valex-2 with fruit to make a smoothie
- 1 Freeze flavored mixture into slushies.

#### Approximate Weights for Unpacked, Level U.S. Standard Dry Household Measures for Powder\*

Household Measure (US)	Weight (g)
1 Tbsp	8
1/4 Cup	30
1/3 Cup	40
1/2 Cup	60
1 Cup	120

<sup>\*</sup> For most accurate results, I-Valex-2 should be weighed on a scale that reads in grams.

## Storage & Handling

#### Powder

- Once mixed, store container in refrigerator and use within 24 hours
- 1 Store unopened or opened can at room temperature; avoid extreme temperatures.
- 1 Use opened can contents within 1 month.

