

# KETO CAL® 4:1 POWDER

A nutritionally complete, ketogenic powdered formula in a 4:1 ratio (fat: carbohydrate + protein).

Must be used under medical supervision



**Indications:** Drug-resistant epilepsy & other epilepsy-related conditions where the ketogenic diet is indicated, including:  
Glucose transporter type 1 deficiency syndrome (Glut1 DS)  
Pyruvate dehydrogenase deficiency (PDHD)  
Dravet syndrome  
Super refractory status epilepticus (SRSE)

Suitable for individuals one year of age and older\*

## Nutrition Information:

Nutrients	Per 100 g	Per 100 kcal*
Calories	703	100
Protein, g	14.3	2.0
Carbohydrate, g	8.2	1.2
Fiber, g	5.4	0.77
Soluble, g	3.1	0.44
Insoluble, g	2.3	0.33
Fat, g	69.2	9.8
Saturated, g	26.1	3.7
Monounsaturated, g	22.7	3.2
Polyunsaturated, g	20.4	2.9
Linoleic Acid, mg	16300	2311
$\alpha$ -Linolenic Acid, mg	1430	203
DHA, mg	110	15.6
ARA, mg	120	17.1
<b>Vitamins</b>		
Vitamin A, IU (mcg RE)	960 (288)	136 (40.9)
Vitamin D <sub>3</sub> , IU (mcg)	378 (9.5)	53.7 (1.3)
Vitamin E, IU (mg $\alpha$ -TE)	15.7 (10.5)	2.2 (1.5)
Vitamin K, mcg	46.2	6.6
Thiamin, mg	0.63	0.09
Riboflavin, mg	0.78	0.11
Vitamin B <sub>6</sub> , mg	0.78	0.11
Vitamin B <sub>12</sub> , mcg	1.3	0.19
Niacin, mg	4.4	0.63
Folic Acid, mcg	104	14.8
Pantothenic Acid, mg	2.6	0.37
Biotin, mcg	17.2	2.4
Vitamin C, mg	54	7.7
Choline, mg	292	41.5
Inositol, mg	19.9	2.8

Minerals	Per 100 g	Per 100 kcal*
Calcium, mg	704	100
Phosphorus, mg	416	59.1
Magnesium, mg	96.3	13.7
Iron, mg	7.2	1
Zinc, mg	4.0	0.56
Manganese, mg	0.40	0.06
Copper, mcg	495	70.3
Iodine, mcg	77.6	11.0
Molybdenum, mcg	28.5	4.1
Chromium, mcg	14.7	2.1
Selenium, mcg	26.9	3.8
Sodium, mg	476	67.6
Potassium, mg	770	109
Chloride, mg	720	102
L-Carnitine, mg	40.5	5.8
Taurine, mg	29.7	4.2

\*Standard Dilution = 1 kcal/mL

Fiber is subtracted from total carbohydrate when calculating the ketogenic ratio

## Ordering/Reimbursement Information for KetoCal® 4:1 Powder:

Product Code	Reimbursement Code	HCPCS Code	Product Packaging	Calories Per Carton
101777	49735-0166-70	B4154, B4157, B4162	6 x 300 g (11 oz)	2115

### Ingredients:

Refined Vegetable Oils (Palm Oil, Soybean Oil, High Oleic Sunflower Oil), Casein (milk), Soy Lecithin, Whey (milk), Microcrystalline Cellulose, Corn Syrup Solids, Chicory Root Inulin, Calcium Carbonate, Potassium Chloride, Fructooligosaccharides, Gum Arabic, Calcium Phosphate Tribasic, Silicon Dioxide, Modified Corn Starch, Sodium Chloride, Tripotassium Citrate, Choline bitartrate, L-Arginine, L-Cystine, *M. alpina* oil\*, *C. cohnii* oil\*\*, Soy Fiber, Magnesium Acetate, Artificial Flavor, L-Tryptophan, Sodium Caseinate (milk), Sodium Ascorbate, Maltodextrin, Magnesium Oxide, L-Phenylalanine, L-Carnitine, L-Ascorbic Acid, Taurine, Ferrous Sulphate, L-Valine, Inositol, L-Tyrosine, Sucralose, Mono- and Diglycerides, Zinc Sulphate, DL-Alpha Tocopheryl Acetate, Niacinamide, Calcium D-Pantothenate, Cupric Sulfate, Pyridoxine Hydrochloride, Manganese Sulphate, Thiamin Hydrochloride, Riboflavin, Vitamin A Acetate, Mixed Tocopherols, Acscorbyl Palamite, Folic Acid, Potassium Iodine, Chromium Chloride, Sodium Selenite, Sodium Molybdate, D-Biotin, Cholecalciferol, Cyanocobalamin.

### Contains: Milk, Soy.

\*A Source of Arachidonic Acid (ARA)

\*\*A Source of Docosahexaenoic Acid (DHA)

### Directions for Use:

1. Measure the required amount of warm water into a sealable container. To completely dissolve the powder, the water must be at a temperature of 113°F-122°F. Recommended water temperature is necessary for best results. Measure the temperature using a thermometer.
2. Add the prescribed amount of KetoCal powder to the water.
3. Whisk or cover and shake vigorously until the powder has dissolved. Remove lid carefully.
4. Fresh formula is best. For larger volumes, once prepared, store formula in refrigerator for no more than 24 hours. Once feeding begins, use within one hour.
5. Shake or stir immediately before serving. For oral feeding, KetoCal is best served chilled.

Do not use boiling water to prepare formula. Do not boil or microwave prepared formula. Once prepared, settling may occur. Shake or stir immediately before serving. For tube feeding, flush tube with lukewarm water, ~99°F between each feed to avoid blockage.

### Storage:

Store unopened can in a cool, dry place, away from sunlight.

Once opened, replace lid on can and use within one month.

### Important Notice:

Suitable as a sole source, or supplemental nutrition for individuals over 1 year of age. Intake to be determined by a healthcare professional and is dependent on age, weight, energy needs and medical condition.

