

KETOCAL® 3:1 POWDER

A nutritionally complete, ketogenic powdered formula in a 3:1 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 over 1 year of age.

Nutrition Information:

Nutrients	Per 100 mL	Per 100 kcal*
Calories	711	100
Protein, g	15.4	2.2
Carbohydrate, g	7.2	1.0
Fat, g	68.6	9.7
Saturated, g	26.6	3.7
Monounsaturated, g	24.0	3.4
Polyunsaturated, g	18.0	2.5
Linoleic Acid, mg	15515	2183
α-Linolenic Acid, mg	1284	181
DHA, mg	180	25.0
ARA, mg	180	25.0
Vitamins		
Vitamin A, IU (mcg RE)	1166 (350)	164 (49.3)
Vitamin D ₃ , IU (mcg)	613 (15.3)	86.3 (2.2)
Vitamin E, IU (mg α-TE)	12.1 (8.1)	1.7 (1.1)
Vitamin K, mcg	49.8	7.0
Thiamin, mg	0.64	0.09
Riboflavin, mg	0.64	0.09
Vitamin B ₆ , mg	0.64	0.09
Vitamin B ₁₂ , mcg	1.26	0.18
Niacin, mg	4.5	0.63
Folic Acid, mcg	95.8	13.5
Pantothenic Acid, mg	5.4	0.76
Biotin, mcg	12.8	1.8
Vitamin C, mg	59.0	8.3
Choline, mg	202	28.5
Inositol, mg	140	19.7

Minerals	Per 100 mL	Per 100 kcal*
Calcium, mg	729	103
Phosphorus, mg	492	69.2
Magnesium, mg	70.3	9.9
Iron, mg	10.9	1.5
Zinc, mg	7.7	1.1
Manganese, mg	0.13	0.02
Copper, mcg	460	64.7
Iodine, mcg	93.5	13.2
Molybdenum, mcg	31.4	4.4
Chromium, mcg	26.1	3.7
Selenium, mcg	24.3	3.4
Sodium, mg	320	45.0
Potassium, mg	828	117
Chloride, mg	491	69.1
L-Carnitine, mg	43.9	6.2
Taurine, mg	43.8	6.2

*Standard Dilution = 1 kcal/mL

Ordering/Reimbursement Information for KetoCal® 3:1 Powder:

Product Code	Reimbursement Code	HCPCS Code	Product Packaging	Calories Per Can
77155	49735-0717-55	B4154, B4157, B4162	6 x 300 g (11 oz)	2133

Ingredients:

Refined Vegetable Oils (Palm, Soy, High Oleic Sunflower), Casein (Milk), Lactose (Milk), Whey (Milk), Corn Syrup Solids, Tricalcium Phosphate, Potassium Citrate, Potassium Chloride, Choline Bitartrate, Calcium Phosphate Dibasic, Glycine, *M. alpina* Oil*, *C. cohnii* Oil**, Magnesium Chloride, L-Cystine, L-Leucine, Sodium Caseinate (Milk), L-Tryptophan, M-Inositol, Magnesium Acetate, L-Valine, Sodium Ascorbate, L-Carnitine, Taurine, Ferrous Sulfate, Zinc Sulfate, Mono- And Diglycerides, Calcium D-Pantothenate, Niacinamide, DL-Alpha Tocopheryl Acetate, Copper Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Acetate, Manganese Sulfate, Mixed Tocopherols, Ascorbyl Palmitate, Chromium Chloride, Folic Acid, Potassium Iodide, Sodium Molybdate, Sodium Selenite, Cholecalciferol, D-Biotin, Cyanocobalamin.

Contains: Milk, Soy Oil.

*Source of Arachidonic Acid (ARA)

** Source of Docosahexaenoic Acid (DHA)

Directions for Use:

For oral or tube feeding:

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.

Dilution:

To be determined by medical provider

Calories/ fl oz	Osmolality mOsm/kg	Calories/ mL	KetoCal 3:1 powder (g)	Water (mL)	Final volume (mL)
20	100	0.66	9.3	90	100
24	120	0.8	11.3	89	100
30	150	1.0	14.1	86	100

A gram scale is necessary for proper preparation of formula.

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 of nutrition for children 1-3 years of age or as supplemental nutrition for individuals 1 year of age. Intake to be determined by a healthcare professional and is dependent on the age, body weight, energy needs and medical condition of the patient.

