

KetoCal® 3:1 Powder

A nutritionally complete, ketogenic formula in a 3:1 ratio (fat:carbohydrate + protein) for the dietary management of refractory epilepsy and other epilepsy-related conditions where the medical ketogenic diet is indicated; designed for individuals over 1 year of age. A medical food.

Main Features:

- Nutritionally complete
- 3:1 ratio
- DHA and ARA
- Unflavored
- Appropriate for enteral or oral feedings
- No artificial sweeteners
- 0 g of *trans* fat
- Nutrient dense for children with low energy requirements
- Standard dilution = 1 kcal/mL
- Osmolality (at 1 kcal/mL): 160 mOsm/kg H_2O
- Energy distribution:

Protein	8.7%
Carbohydrate	4.1%
Fat (LCT 100%)	87.2%

- Displacement 1 mL/g

Indications:

- Refractory/intractable epilepsy
- Other epilepsy-related conditions where the ketogenic diet is indicated, including:
  - Glucose transporter type-1 deficiency syndrome (Glut1DS)
  - Pyruvate dehydrogenase deficiency (PDH)
  - Dravet syndrome
  - Super Refractory Status Epilepticus (SRSE)

For details on administration, please see the end of this section.

Ordering/Reimbursement Information:

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

WIC[1]: Contact your state WIC office to determine availability.

For more reimbursement information see *Resources*.

Nutrition Information:

Nutrients	Per 100 g	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
Thiamine, mg	0.64	0.09
Riboflavin, mg	0.64	0.09
Vitamin B_6, mg	0.64	0.09
Vitamin B_{12}, mcg	1.3	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 g	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

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)

Access our Clinician Resources, including DRI Calculator here:
http://bit.ly/NutriciaHCPTools