-continued

INGREDIENT	AMOUNT (WT. %)
SODIUM MOLYBDATE	0.000159
SODIUM SELENITE	0.000055

The following examples are presented to demonstrate the present invention. The examples are intended to be illustrative and not limitative. The present invention includes the embodiments described and exemplified and equivalent embodiments.

EXAMPLE I

A composition within the scope of the present invention was prepared as follows:

A Fat Base composition was prepared having the following composition:

Ingredient	(Wt %)
maltodextrin	36.3000
modified starch	37.5000
soybean oil	24.9000
polyglycerol ester	1.3000

The Fat Base was prepared by:

1) Dissolving polyglycerol ester in warm deionized water;
2) Adding the solution from step 1 to a kettle containing 40 lbs. cold deionized water;
3) Adding maltodextrin and modified starch to the kettle, mixing well, and heating to 165° F.;
4) When maltodextrin, modified starch and emulsifier blend reach 165° F., add soybean oil and homogenize at 500 PSI second stage, 3000 PSI total.
5) Spray drying the product under the following conditions:
   INLET 350°–435° F.
   OUTLET 180°–220° F.
   PRESSURE 1200°–2200 PSI
   PRODUCT TEMPERATURE 150° F.

An Amino Acid Premix was prepared having the following composition:

Ingredient	Wt. %
L-glutamine	20.6609
L-leucine	13.9461
L-arginine acetate	13.8887
L-lysine acetate	8.1381
L-isoleucine	6.9731
L-valine	6.9731
L-phenylalanine	5.9033
L-methionine	5.0734
L-threonine	3.8957
L-tyrosine	2.5023
L-histidine HCL	2.4793
L-aspartic acid	2.2957
L-proline	2.1235
L-tryptophan	1.4164
L-serine	1.1823
L-alanine	1.0606
glycine	1.0330
taurine	0.4545

A Vitamin/Mineral Premix was prepared having the following composition:

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Ingredient	Wt. %
magnesium gluconate	37.1184
calcium glycerophosphate	26.9952
potassium chloride	11.6979
sodium citrate	9.4483
trace mineral premix*	4.9576
potassium sorbate	3.1494
maltodextrin	2.2496
ascorbic acid	1.0888
vitamin E acetate	1.2148
biotin	0.3779
zinc sulfate	0.3374
ferrous sulfate	0.3014
niacinamide B3	0.2574
vitamin A palmitate	0.2160
calcium pantothenate	0.1449
cyanocobalamin B12	0.0787
copper gluconate	0.0787
manganese sulfate	0.0508
folic acid	0.0504
vitamin K	0.0495
vitamin D	0.0378
pridoxine hydrochloride	0.0315
potassium iodide	0.0247
riboflavin	0.0225
thiamin hydrochloride	0.0204

*The trace mineral premix comprised 99.8295% maldodextrin, 0.0776% chronic acetate, 0.0690% sodium molybdate and 0.0239% sodium selenite.

The following procedure was utilized in preparing the composition of the invention:

INGREDIENT	Wt. %
MALTODEXTRIN	65.33
AMINO ACID PREMIX	18.26
FAT BASE	10.06
VITAMIN/MINERAL PREMIX	4.659
CITRIC ACID	0.7756
POTASSIUM CITRATE	0.3668
SODIUM PHOSPHATE DIBASIC	0.2851
CHOLINE BITARTRATE	0.2154
L-CARNITINE	0.04150

Add 40.0 grams of maltodextrin to a mixer. Add 18.26 grams of the Amino Acid Premix and 4.659 grams of the Vitamin/Mineral Premix to the mixer. Blend the following ingredients for ten minutes and add to the mixer:

MALTODEXTRIN	5.33 GMS
CHOLINE BITARTRATE	0.215 GMS
POTASSIUM CITRATE	0.367 GMS
CITRIC ACID	0.776 GMS
L-CARNITINE	0.042 GMS
SODIUM PHOSPHATE DIBASIC	0.285 GMS

Add 10.06 grams of the Fat Base and 20.00 grams of maltodextrin to the mixer and mix for 10 minutes.

We claim:

1. An enteral nutritional composition comprising, based on total caloric content of said composition,
   a) from 4% to 30% lipid component,
   b) from 65% to 80% carbohydrate component, and
   c) from 16% to 25% protein component, wherein said composition has a nonprotein calorie to grams of nitrogen ratio ranging from 150:1 to 80:1, and has the following formulation by solid weight:

Ingredient	Wt %
maltodextrin	69.32
L-glutamine	3.773