

TABLE XIV-continued

INGREDIENT	TOTAL ADDED PER 1000 LBS FINISHED PRODUCT
Water Soluble Vitamin Premix <sup>3</sup>	75.2 Grams
Taurine	70.2 Grams

<sup>1</sup>Each gram of the premix provides about: 106,400-115,500 IU Vitamin A Palmitate; 5,700-7,500 IU Vitamin D3; 645-825 IU Vitamin E; 1,100-1,600 mg Vitamin K<sub>1</sub>

<sup>2</sup>Each gram of the premix provides about: 77-88 mg Zinc; 59-67 mg iron; 17-18 mg manganese; 7-8 mg copper; 2-3 mg selenium; 2-3 mg chromium; 5-6 mg molybdenum

<sup>3</sup>Each gram of the premix provides about: 326-424 mg Niacinamide; 211-274 mg d-Calcium Pantothenate; 7-10 mg Folic Acid; 54-70 mg [Thiamine Chloride Hydrochloride]; 42-55 mg Riboflavin; 52-67 mg Pyridoxine Hydrochloride; 138-193 mg Cyanocobalamin; 6-8 mg Biotin

TABLE XV

NUTRIENTS/ PROPERTIES	PREFERRED RANGE	MOST PREFERRED
		RANGE Per 8 oz Serving
Protein, g	8.2-22.2	10.5-11.0
Fat, g	5.3-14.1	8.0-8.8
Carbohydrate, g (excluding fiber)	26.3-53.3	34.7-38.2
Total Dietary Fiber, g	3-5	4-4.4
Vitamin A, IU		1000-1500
Vitamin D, IU		80-120
Vitamin E, IU		9-13.5
Vitamin K <sub>1</sub> , mcg		16-24
Vitamin C, mg		60-150
Folic Acid, mcg		120-180
Thiamine (Vit B <sub>1</sub> ), mg		0.45-0.68
Riboflavin, (Vit B <sub>2</sub> ), mg		0.51-0.77
Vitamin B <sub>6</sub> , mg		0.6-0.9
Vitamin B <sub>12</sub> , mcg		1.8-2.7
Niacin, mg		6-9
Choline, mg		120-180
Biotin, mcg		90-135
Pantothenic Acid, mg		3-4.5
Sodium, mg		176-294
Potassium, mg		300-500
Chloride, mg		247.5-412.5
Calcium, mg		240-300
Phosphorus, mg	240-300	
Magnesium, mg		80-100
Iodine, mcg		30-37.5
Manganese, mg		1-1.25
Copper, mg		0.4-0.5
Zinc, mg		4.5-5.6
Iron, mg		3.6-4.5
Selenium, mcg		14-17.5
Chromium, mcg		20-25
Molybdenum, mcg		30-37.5
Carnitine, mg		30-37.5
Taurine, mg		30-37.5
Osmolality, mosm/kg	290-380	300-310
Kilocalories	237-355	245-255
Viscosity	<100	<100

While certain representative embodiments and details have been described for the purpose of illustrating the invention, it will be apparent to those skilled in the art that various changes and modifications may be made therein without departing from the spirit or scope of the invention.

We claim:

1. A liquid nutritional product comprising a fat source and a dietary fiber system, the fiber system as a whole comprising by weight: (a) 5% to 50% dietary fiber which is both soluble and fermentable, 5% to 20% dietary fiber which is both soluble and non-fermentable, and 45% to 80% dietary fiber which is both insoluble and non-fermentable; less than 10% of the total calories in said product comprising saturated fatty acids, no more than 10% of the total calories in said product comprising polyunsaturated fatty acids, and the ratio of the n-6 to n-3 fatty acids in said product being in the range of 2 to 10.

2. A liquid nutritional product according to claim 1 wherein the dietary fiber which is both soluble and fermentable is gum arabic; the fiber which is both soluble and non-fermentable is sodium carboxymethylcellulose, and the fiber which is both insoluble and non-fermentable is oat hull fiber.

3. A liquid nutritional product according to claim 2 wherein the fat source comprises at least one material selected from the group consisting of canola oil, soy oil, and linseed oil.

4. A liquid nutritional product according to claim 3 wherein the fat source further comprises a material selected from the group consisting of high oleic safflower oil and high oleic sunflower oil.

5. A liquid nutritional product according to claim 4 wherein the fat source further comprises medium chain triglycerides.

6. A liquid nutritional product according to claim 5 wherein the fat source further comprises medium chain triglycerides.

7. A liquid nutritional product according to claim 6 wherein the dietary fiber system comprises by weight about 15% to 20% gum arabic, about 70% to 80% oat hull fiber and about 5% to 10% sodium carboxymethylcellulose.

8. A liquid nutritional product according to claim 5 wherein the dietary fiber system comprises by weight about 15% to 20% gum arabic, about 70% to 80% oat hull fiber and about 5% to 10% sodium carboxymethylcellulose.

9. A liquid nutritional product according to claim 3 wherein the fat source further comprises medium chain triglycerides.

10. A liquid nutritional product according to claim 1 wherein the fat source comprises at least one material selected from the group consisting of canola oil, soy oil, and linseed oil.

11. A liquid nutritional product according to claim 10 wherein the fat source further comprises a material selected from the group consisting of high oleic safflower oil and high oleic sunflower oil.

12. A liquid nutritional product according to claim 11 wherein the fat source further comprises medium chain triglycerides.

13. A liquid nutritional product according to claim 10 wherein the fat source further comprises medium chain triglycerides.

14. A liquid nutritional product comprising a fat source and a dietary fiber system wherein the fat source comprises at least one material selected from the group consisting of canola oil, soy oil and linseed oil, said dietary fiber system comprising gum arabic, oat hull fiber and sodium carboxymethylcellulose, less than 10% of the total calories in said product comprising saturated fatty acids, no more than 10% of the total calories in said product comprising polyunsaturated fatty acids,