

**TABLE 3-3. Nutrient Composition of TYREX®-1<sup>1,3</sup> and TYREX®-2<sup>2,3</sup>**

Nutrient	Tyrex-1		Tyrex-2	
	(per 100 g pwd)	(per g protein equiv)	(per 100 g pwd)	(per g protein equiv)
<b>Energy, kcal</b>	480	32.0	410	13.7
<b>Protein equiv, g</b>	15.00	1.000	30.00	1.000
<b>Nitrogen, g</b>	2.40	0.160	4.80	0.160
<b>Amino acids, g</b>	14.73	0.982	29.46	0.982
Cystine, g	0.15	0.010	0.30	0.010
Histidine, g	0.42	0.028	0.84	0.028
Isoleucine, g	1.08	0.072	2.16	0.072
Leucine, g	1.68	0.112	3.36	0.112
Lysine, g	1.00	0.067	2.00	0.067
Methionine, g	0.30	0.020	0.60	0.020
Phenylalanine, g	trace	0	trace	0
Threonine, g	0.70	0.047	1.40	0.047
Tryptophan, g	0.17	0.011	0.34	0.011
Tyrosine, g	trace	0	trace	0
Valine, g	1.22	0.081	2.44	0.081
<b>Other Nitrogen-Containing Compounds</b>				
Carnitine, mg	20	1.33	40	1.33
Taurine, mg	40	2.67	50	1.67
<b>Carbohydrate, g</b>	53.0	3.53	35	1.17
<b>Fat, g</b>	21.7	1.45	14.0	0.47
Linoleic acid, g	2.00 <sup>4</sup>	0.133	1.50 <sup>5</sup>	0.050
$\alpha$ -Linolenic acid, g	0.36 <sup>6</sup>	0.024	0.17 <sup>7</sup>	0.006
<b>Minerals</b>				
Calcium, mg	575	38	880	29
Chloride, mg/mEq	325/9.17	21.7/0.61	940/26.51	31.33/0.88
Chromium, $\mu$ g	11	0.73	27	0.90
Copper, mg	1.10	0.073	1.00	0.033
Iodine, $\mu$ g	65	4.33	100	3.33
Iron, mg	9.0	0.60	13	0.43
Magnesium, mg	50	3.33	225	7.50
Manganese, mg	0.50	0.033	0.80	0.027
Molybdenum, $\mu$ g	12	0.80	30	1.00
Phosphorus, mg	400	27	760	25
Potassium, mg/mEq	675/17.26	45/1.15	1,370/35.04	45.7/1.17
Selenium, $\mu$ g	20	1.33	35	1.17
Sodium, mg/mEq	190/8.26	12.7/0.55	880/38.28	29.3/1.28
Zinc, mg	8.0	0.53	13	0.43
<b>Vitamins</b>				
A, $\mu$ g RE	420	28	660	22
D, $\mu$ g	7.50	0.50	7.50	0.25
E, mg $\alpha$ -TE	10.10	0.67	12.10	0.40
K, $\mu$ g	50	3.33	60	2.00
Ascorbic acid, mg	50	3.33	60	2.00
Biotin, $\mu$ g	65	4.33	100	3.33
B <sub>6</sub> , mg	0.75	0.050	1.30	0.043
B <sub>12</sub> , $\mu$ g	4.90	0.327	5.00	0.167
Choline, mg	80	5.33	100	3.33
Folate, $\mu$ g	230	15	450	15
Inositol, mg	40	2.67	70	2.33
Niacin equiv, mg	12.80	0.850	21.7	0.72
Pantothenic acid, mg	6.90	0.460	8.00	0.267
Riboflavin, mg	0.90	0.060	1.80	0.060
Thiamin, mg	1.90	0.127	3.25	0.108

<sup>1</sup> Designed for infants and toddlers. <sup>2</sup> Designed for children and adults.

<sup>3</sup> Approximate **packed** weights of Tyrex-1 and Tyrex-2 in level, dry US standard household measures:

	Tyrex-1	Tyrex-2
1 Tbsp	= 7 g	= 8 g
1/4 cup	= 26 g	= 32 g
1/3 cup	= 35 g	= 41 g
1/2 cup	= 53 g	= 61 g
1 cup	= 105 g	= 117 g

<sup>4</sup> Analytical data at manufacture = 4.32 g/100 g powder. <sup>5</sup> Analytical data at manufacture = 2.66 g/100 g powder.

<sup>6</sup> Analytical data at manufacture = 0.40 g/100 g powder. <sup>7</sup> Analytical data at manufacture = 0.28 g/100 g powder.