

**TABLE 1-4.** Nutrient Composition of PHENEX™-1 <sup>1,3</sup> and PHENEX-™2 <sup>2,3</sup>

Nutrient	Phenex-1		Phenex-2, Unflavored		Phenex-2, Flavored	
	Per 100 g pwd	Per g protein equiv	Per 100 g pwd	Per g protein equiv	Per 100 g pwd	Per g protein equiv
<b>Energy, kcal</b>	480	32	410	13.7	410	13.7
<b>Protein equiv, g</b>	15.00	1.000	30	1.000	30	1.000
<b>Nitrogen, g</b>	2.40	0.160	4.80	0.160	4.80	0.160
<b>Amino acids, g</b>	15.79	1.053	31.58	1.053	31.58	1.053
Cystine, g	0.15	0.010	0.30	0.010	0.30	0.010
Histidine, g	0.42	0.028	0.84	0.028	0.84	0.028
Isoleucine, g	1.08	0.072	2.16	0.072	2.16	0.072
Leucine, g	1.68	0.112	3.36	0.112	3.36	0.112
Lysine, g	1.00	0.067	2.00	0.067	2.00	0.067
Methionine, g	0.30	0.020	0.60	0.020	0.60	0.020
Phenylalanine, g	trace	0	trace	0	trace	0
Threonine, g	0.70	0.047	1.40	0.047	1.40	0.047
Tryptophan, g	0.17	0.011	0.34	0.011	0.34	0.011
Tyrosine, g	1.50	0.100	3.00	0.100	3.00	0.100
Valine, g	1.22	0.081	2.44	0.081	2.44	0.081
<b>Other Nitrogen-Containing Compounds</b>						
Carnitine, mg	20	1.33	40	1.33	40	1.33
Taurine, mg	40	2.67	50	1.67	50	1.67
<b>Carbohydrate, g</b>	53.0	3.53	35	1.17	36	1.20
<b>Fat, g</b>	21.7	1.45	14	0.47	13.5	0.45
Linoleic acid, g	2.00 <sup>4</sup>	0.133	1.50 <sup>5</sup>	0.050	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	0.17 <sup>7</sup>	0.006
<b>Minerals</b>						
Calcium, mg	575	38	880	29	880	29
Chloride, mg/mEq	325/9.17	21.7/0.61	940/26.51	31.33/0.88	940/26.51	31.33/0.88
Chromium, $\mu$ g	11	0.73	27	0.90	27	0.90
Copper, mg	1.10	0.073	1.00	0.033	1.00	0.033
Iodine, $\mu$ g	65	4.33	100	3.33	100	3.33
Iron, mg	9.0	0.60	13	0.43	13	0.43
Magnesium, mg	50	3.33	225	7.50	225	7.50
Manganese, mg	0.50	0.033	0.80	0.027	0.80	0.027

Nutrient	Phenex-1		Phenex-2, Unflavored		Phenex-2, Flavored	
	Per 100 g pwd	Per g protein equiv	Per 100 g pwd	Per g protein equiv	Per 100 g pwd	Per g protein equiv
Molybdenum, µg	12	0.80	30	1.00	30	1.00
Phosphorus, mg	400	27	760	25	760	25
Potassium, mg/mEq	675/17.26	45./1.15	1,370/35.04	45.7/1.17	1,370/35.04	45.7/1.17
Selenium, µg	20	1.33	35	1.17	35	1.17
Sodium, mg/mEq	190/8.26	12.7/0.55	880/38.28	29.3/1.28	880/38.28	29.3/1.28
Zinc, mg	8.0	0.53	13	0.43	13	0.43
<b>Vitamins</b>						
A, µg RE	420	28	660	22	660	22
D, µg	7.50	0.50	7.50	0.25	7.50	0.25
E, mg α-TE	10.10	0.67	12.10	0.40	12.10	0.40
K, µg	50	3.33	60	2.00	60	2.00
Ascorbic acid, mg	50	3.33	60	2.00	60	2.00
Biotin, µg	65	4.33	100	3.33	100	3.33
B <sub>6</sub> , mg	0.75	0.050	1.30	0.043	1.30	0.043
B <sub>12</sub> , µg	4.90	0.327	5.00	0.167	5.0	0.167
Choline, mg	80	5.33	100	3.33	100	3.33
Folate, µg	230	15	450	15	450	15
Inositol, mg	40	2.67	70	2.33	70	2.33
Niacin equiv, mg	12.80	0.850	21.7	0.72	21.7	0.72
Pantothenic acid, mg	6.90	0.460	8.00	0.267	8.0	0.267
Riboflavin, mg	0.90	0.060	1.80	0.060	1.80	0.060
Thiamin, mg	1.90	0.127	3.25	0.108	3.25	0.108

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

<sup>3</sup> Approximate **packed** weights in level, dry US standard household measures:

	Phenex-1	Phenex-2, unflavored	Phenex-2, flavored
1 Tbsp =	7 g	8 g	9 g
1/4 cup =	26 g	32 g	30 g
1/3 cup =	35 g	41 g	40 g
1/2 cup =	53 g	61 g	59 g
1 cup =	105 g	117 g	116 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 in flavored.

<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 in unflavored, 0.27 g/100 g powder in flavored.