

TABLE 6-2. Nutrient Composition of I-VALEX®-1 ^{1,3}, and I-VALEX®-2 ^{2,3}

Nutrient	I-Valex-1		I-Valex-2	
	(per 100 g pwd)	(per g protein equiv)	(per 100 g pwd)	(per g protein equiv)
Energy, kcal	480	32	410	13.7
Protein Equiv, g	15.00	1.000	30.00	1.000
Nitrogen, g	2.40	0.160	4.80	0.160
Amino Acids, g	16.01	1.067	32.02	1.067
Cystine, g	0.15	0.010	0.30	0.010
Glycine, g	1.00	0.067	3.02	0.101
Histidine, g	0.42	0.028	0.84	0.028
Isoleucine, g	0.43	0.029	0.86	0.029
Leucine, g	trace	0.000	trace	0.000
Lysine, g	1.00	0.067	2.00	0.067
Methionine, g	0.30	0.020	0.60	0.020
Phenylalanine, g	0.88	0.059	1.76	0.059
Threonine, g	0.70	0.047	1.40	0.047
Tryptophan, g	0.17	0.011	0.34	0.011
Tyrosine, g	0.89	0.059	1.78	0.059
Valine, g	0.48	0.032	0.96	0.032
Other Nitrogen-Containing Compounds				
Carnitine, mg	900	60	1,800	60
Taurine, mg	40	2.67	50	1.67
Carbohydrate, g	53.0	3.53	35	1.17
Fat, g	21.7	1.45	13	0.43
Linoleic acid, g	2.00 ⁴	0.133	1.50 ⁵	0.050
α -Linolenic acid, g	0.36 ⁶	0.024	0.17 ⁷	0.006
Minerals				
Calcium, mg	575	38	880	29
Chloride, mg/mEq	325/9.17	21.7/0.61	940/26.51	31.33/0.88
Chromium, μ g	11	0.73	27	0.90
Copper, mg	1.10	0.073	1.00	0.033
Iodine, μ 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, μ 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, μ 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	0.43
Vitamins				
A, μ g RE	420	28	660	22
D, μ g	7.50	0.50	7.50	0.25
E, mg α -TE	10.10	0.67	12.10	0.40
K, μ g	50	3.33	60	2.00
Ascorbic acid, mg	50	3.33	60	2.00
Biotin, μ g	65	4.33	100	3.33
B ₆ , mg	0.75	0.050	1.30	0.043
B ₁₂ , μ g	4.90	0.327	5.00	0.167
Choline, mg	80	5.33	100	3.33
Folate, μ g	230	15	430	14.33
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

¹ Designed for infants and toddlers. ² Designed for children, adolescents, and adults.

³ Approximate packed weights of I-Valex in level, dry US standard household measures:

	I-Valex-1	I-Valex-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

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

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