

APPENDIX 5. Nutrient Composition of Isomil® Soy Formula With Iron

| Nutrient | Concentrate (per 100 mL) | Powder ¹ (per 100 g) | Ready To Feed (per 100 mL) |
|-------------------------------------|-----------------------------|------------------------------------|-------------------------------|
| Energy, kcal | 136 | 516 | 68 |
| Protein, g | 3.32 | 12.60 | 1.66 |
| Amino acids, g ² | 3.33 | 12.96 | 1.67 |
| Arginine, mg | 244 | 970 | 122 |
| Cystine, mg | 36 | 154 | 18 |
| Glycine, mg | 142 | 540 | 71 |
| Histidine, mg | 84 | 334 | 42 |
| Isoleucine, mg | 148 | 578 | 74 |
| Leucine, mg | 270 | 1,021 | 135 |
| Lysine, mg | 200 | 754 | 100 |
| Methionine, mg | 84 | 319 | 42 |
| Phenylalanine, mg | 176 | 675 | 88 |
| Threonine, mg | 128 | 493 | 64 |
| Tryptophan, mg | 42 | 163 | 21 |
| Tyrosine, mg | 120 | 464 | 60 |
| Valine, mg | 152 | 582 | 76 |
| Other Nitrogen-Containing Compounds | | | |
| Carnitine, mg | 2.6 | 9.9 | 1.4 |
| Taurine, mg | 7.6 | 41 | 5.4 |
| Carbohydrate, g | 13.9 | 52.8 | 6.96 |
| Fat, g | 7.4 | 28.0 | 3.69 |
| Linoleic acid, g | 1.36 | 5.16 | 0.68 |
| α -Linolenic acid, g | 0.36 | 1.37 | 0.18 |
| Minerals | | | |
| Calcium, mg | 142 | 539 (697) ³ | 71 |
| Chloride, mg/mEq | 84/2.4 | 319/9.0 | 42/1.2 |
| Copper, mg | 0.10 | 0.38 | 0.05 |
| Iodine, μ g | 20 | 76 | 10 |
| Iron, mg | 2.4 | 9.3 | 1.2 |
| Magnesium, mg | 10 | 39 | 5.1 |
| Manganese, mg | 0.04 | 0.15 | 0.02 |
| Phosphorus, mg | 101 | 387 (464) ³ | 51 |
| Potassium, mg/mEq | 146/3.73 | 554/14.17 | 73/1.90 |
| Selenium, μ g | 5.32 | 19.5 | 1.33 |
| Sodium, mg/mEq | 60/2.6 | 228/9.9 | 30/1.3 |
| Zinc, mg | 1.02 | 3.87 | 0.51 |
| Vitamins | | | |
| A, μ g RE | 122 | 463 | 61 |
| D, μ g | 2.0 | 7.6 | 1.0 |
| E, mg α -TE | 2.7 | 10.3 | 1.36 |
| K, μ g | 14.8 | 56.2 | 7.4 |
| Ascorbic acid, mg | 12.2 | 46.3 | 6.1 |
| Biotin, μ g | 6 | 22.8 | 3.0 |
| B6, mg | 0.08 | 0.30 | 0.04 |
| B12, μ g | 0.6 | 2.27 | 0.30 |
| Choline, mg | 10.8 | 41 | 5.4 |
| Folate, μ g | 20 | 76 | 10 |
| Inositol, mg | 6.8 | 25.8 | 3.4 |
| Niacin equiv, mg | 2.4 | 9.1 | 1.2 |
| Pantothenic acid, mg | 1.02 | 3.87 | 0.51 |
| Riboflavin, mg | 0.12 | 0.46 | 0.06 |
| Thiamin, mg | 0.08 | 0.30 | 0.04 |

¹ The weight per level unpacked scoop of Isomil Powder is 8.7 g.

² Mean values.

3 Amount in parentheses is amount present in Isomil 2 powder/100 g.