

## Nutrient Facts

### Product Form

### Composition

### Preparation of Feedings

### Product Characteristics

#### Fat

Fat provides 19% of total calories in HCY 2. The fat source is soy oil. Soy oil is a source of essential omega-6 and omega-3 fatty acids: linoleic acid and alpha-linolenic acid.

#### Protein

Protein equivalents provide 22% of total calories in HCY 2. The product provides the essential amino acids (except methionine) as well as nonessential amino acids (see Amino Acids table). Since the product is methionine-free, care must be taken to provide enough methionine from other foods to support growth and tissue maintenance. The high protein equivalent concentration in HCY 2 helps persons with homocystinuria meet their protein needs while consuming fewer calories from the product. This, in turn, allows HCY 2 users to consume a greater variety of foods in order to meet their methionine and calorie needs.

Essential Amino Acids	Per 100 g Powder
Histidine, mg	550
Isoleucine, mg	1560
Leucine, mg	2900
Lysine, mg	1780
Methionine, mg	0
Cystine, mg	810
Phenylalanine, mg	920
Tyrosine, mg	920
Threonine, mg	1030
Tryptophan, mg	420
Valine, mg	1720

Nonessential Amino Acids	Per 100 g Powder
Arginine, mg	1340
Alanine, mg	1450
Aspartic acid, mg	1760
Glutamic acid, mg	3500 <sup>‡</sup>
Glycine, mg	790