



The Hanley

FORMULA Amino Acid Concentrate

Amino acid concentrate is a highly nutritional product made from fresh New Zealand skim milk. It retains both casein and whey proteins to ensure the full range of essential amino acids.

Typical compositional analysis

| | |
|-----------------------------------|------------|
| Protein (N x 6.38, as is basis) % | 79.8 Min |
| Fat % | 2.5 Max |
| Ash % | 8.5 Max |
| Moisture % | 5.5 Max |
| pH (5% Solution) | 6.8-7.2 |
| Sediment (25g) | Disc B Max |
| Colour | Normal |
| Flavour/Odor | Typical |

Amino Acid Content

Typical analysis (g/100g protein)

| | |
|---------------|------|
| Alanine | 2.8 |
| Arginine | 3.3 |
| Aspartic Acid | 6.2 |
| Cystine | 0.6 |
| Glutamic Acid | 17.5 |
| Glycine | 1.6 |

| | |
|----------------|-----|
| Histidine | 2.5 |
| Isoleucine | 4.4 |
| Leucine | 7.7 |
| Lysine | 6.8 |
| Methionine | 2.4 |
| Phenyl-Alanine | 4.1 |
| Proline | 8.2 |
| Serine | 4.8 |
| Threonine | 3.8 |
| Tryptophan | 0.7 |
| Tyrosine | 4.6 |
| Valine | 5.2 |

Typical Mineral Analysis

| | |
|--------------|-----|
| Calcium % | 2.0 |
| Magnesium % | 0.1 |
| Phosphorus % | 1.6 |
| Potassium % | 0.2 |
| Sodium % | .07 |

Storage

Product should be stored in a cool dry place protected from foreign odors and other contaminants. For extended storage life, store at temperatures below 20degC (68degF) with relative humidities below 65%.

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