



AMERICAN CASEIN COMPANY
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Since 1956

Manufacturers of Protein Ingredients

HCA-411 HYDROLYZED CASEIN

HCA-411 is a specially prepared enzymatic digest of high quality casein with a low flavor profile. HCA-411 provides a rich source of short chain peptides and amino acids suitable for medical, pharmaceutical, nutritional, biological, and cosmetic applications.

PHYSICAL PROPERTIES

Color: Cream
Flavor: Slightly bitter
Particle size: Fine, spray dried powder
Solubility: Soluble
(not a clear solution)

TYPICAL ANALYSIS

AN/TN x 100: 14.8%
Amino Nitrogen: 2.0%
Total Nitrogen: 13.5%
Protein (TNx6.38)(as is): 86.0%
Moisture: 5.0%
Ash: 5.0%
pH: 6.6- 7.2

TYPICAL MICROBIOLOGICAL ANALYSIS

Total Plate Count: <20,000/g
Coliforms: <10/g
Yeast: <50/g
Mold: <50/g
Salmonella: Negative
S. aureus: Negative
E. coli: Negative

AMINO ACID PROFILE (g/100g protein)

Alanine: 2.8
Arginine: 3.6
Aspartic acid: 6.3
Cystine: 0.3
Glutamic acid: 21.1
Glycine: 2.2
Histidine: 2.7
Isoleucine: 5.6
Leucine: 8.4
Lysine: 7.5
Methionine: 2.7
Phenylalanine: 4.6
Proline: 9.9
Serine: 5.6
Threonine: 4.2
Tryptophan: 1.1
Tyrosine: 6.1
Valine: 5.0

PACKAGING & STORAGE

Packaging: 25 kilos (55.115 lbs.)
Polyethylene lined
multiply, paper bags
Storage: Keep in cool, dry building
below 25°C

INGREDIENT DECLARATION:

Hydrolyzed Casein

[SPECS.HCA-411.07.25.03]

The information contained herein is believed to be reliable. AMCO makes no warranty, guarantee, condition or representation with respect to this information. AMCO recommends that Buyer evaluate the product for functionality and legality of use.

