

Product

Whey protein isolate 90%; agglomerated and instantised with sunflower lecithin

Description

Volactive UltraWhey 90 instant is manufactured from sweet cheese whey using cross-flow membrane filtration. The resulting protein concentrate is spray-dried with concurrent agglomeration and instantised with sunflower lecithin (E322). This product provides an excellent source of natural protein for use in a variety of food and beverage applications in an easy mixing form.

Trace minerals and heavy metals, ppm

| | |
|------------|-------|
| Aluminium | <5.00 |
| Arsenic | <0.25 |
| Cadmium | <0.10 |
| Chromium | <1.00 |
| Cobalt | <1.00 |
| Copper | <5.00 |
| Iron | <10.0 |
| Lead | <0.02 |
| Manganese | <1.00 |
| Mercury | <0.05 |
| Molybdenum | <1.00 |
| Selenium | <1.00 |
| Tin | <5.00 |
| Titanium | <10.0 |
| Zinc | <5.00 |

Minerals, mg per 100g powder

| | |
|------------|-----|
| Calcium | 450 |
| Chloride | 50 |
| Magnesium | 50 |
| Phosphorus | 220 |
| Potassium | 400 |
| Sodium | 200 |

Vitamins, mg per 100g powder

| | | |
|------------------|----------|------|
| Choline chloride | | 10.0 |
| Niacin | (Vit B3) | 0.00 |
| Thiamin | (Vit B1) | 0.10 |
| Riboflavin | (Vit B2) | 0.15 |
| Pantothenic acid | (Vit B5) | 0.01 |
| Folic acid | (Vit B9) | 0.10 |

Amino acid profile, % of total amino acid

| | |
|---------------|------|
| Alanine | 5.00 |
| Arginine | 2.10 |
| Aspartic acid | 11.0 |
| Cystine | 2.20 |
| Glutamic Acid | 18.1 |
| Glycine | 1.40 |
| Histidine | 1.70 |
| Isoleucine | 6.40 |
| Leucine | 10.6 |
| Lysine | 9.60 |
| Methionine | 2.20 |
| Phenylalanine | 3.00 |
| Proline | 5.50 |
| Serine | 4.60 |
| Threonine | 6.70 |
| Tryptophan | 1.40 |
| Tyrosine | 2.60 |
| Valine | 5.90 |

Protein fractions, % of protein

| | |
|----------------------|-----------|
| Beta-Lactoglobulin | 50 - 60 |
| Glycomacropeptide | 15 - 20 |
| Alpha-Lactalbumin | 15 - 20 |
| Bovine Serum Albumin | 1.0 - 2.0 |
| Immunoglobulin G | 1.0 - 2.0 |
| Immunoglobulin A | 0.1 - 1.0 |
| Lactoferrin | 0.1 - 0.5 |