

Product

Whey protein concentrate 80%; agglomerated and instantised with sunflower lecithin

Description

Volactive UltraWhey 80 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	<1.00
Cadmium	<1.00
Chromium	<1.00
Cobalt	<1.00
Copper	<5.00
Iron	<10.0
Lead	<0.02
Manganese	<1.00
Mercury	<0.10
Molybdenum	<1.00
Selenium	<1.00
Tin	<5.00
Titanium	<10.0
Zinc	<5.00

Minerals, mg per 100g powder

Calcium	550
Chloride	50
Magnesium	50
Phosphorus	350
Potassium	500
Sodium	150

Vitamins, mg per 100g powder

Choline chloride	75.0
Niacin (Vit B3)	0.00
Thiamin (Vit B1)	0.15
Riboflavin (Vit B2)	0.55
Pantothenic acid (Vit B5)	0.40
Folic acid (Vit B9)	0.05

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