

Product

Whey protein crisp

Description

Volactive ProCrisp is a co-extruded product manufactured from a combination of whey protein isolate and rice flour with a small quantity of soya lecithin (E322), providing an excellent source of natural protein in a novel form for fortification in a variety of food applications, such as bars and cereal products.

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	<5.00
Mercury	<0.01
Molybdenum	<1.00
Selenium	<1.00
Tin	<5.00
Titanium	<10.0
Zinc	<10.0

Minerals, mg per 100g product

Calcium	300
Chloride	10
Magnesium	50
Phosphorus	1,750
Potassium	350
Sodium	120

Vitamins, mg per 100g product

Choline chloride	45.0
Niacin (Vit B3)	0.50
Thiamin (Vit B1)	0.02
Riboflavin (Vit B2)	0.02
Pantothenic acid (Vit B5)	0.50
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

Nutritional Information, g per 100 g product

Energy value, KJ	1,549
Energy value, Kcal	365.0
Protein (Nx6.25; dry matter basis)	52.0
Carbohydrates	40.0
of which sugars	1.20
Fat	1.00
of which unsaturated	0.80
of which monounsaturated fatty acids	0.50
polyunsaturated fatty acids	0.20
trans fatty acids	<0.10
saturated	0.20
Cholesterol	0.001
Dietary fibre	2.50

For further information contact

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Disclaimer

This information presented in this data sheet derives from average values of continuous work and is believed to be accurate and reliable. The information should be used as guidance only, since certain product batches can deviate from the average figures.