

### Product

Whey protein concentrate 80%, Agglomerated and Instantised

### Description

A powder which is manufactured from sweet cheese whey using Cross-Flow Membrane Filtration. The resulting protein concentrate is subsequently spray-dried, with concurrent agglomeration and instantising with soya lecithin (E322). This product provides an excellent source of natural protein for use in a variety of applications in an easy mixing form.

Typical Mineral Profile	%
Sodium (Na):	0.20
Potassium (K):	0.60
Calcium (Ca):	0.50
Phosphorous (P):	0.30
Magnesium (Mg):	0.10
Chloride (Cl):	0.10

Typical Amino Acid Profile	% of total protein
Alanine	5.0
Arginine	2.1
Aspartic acid	11.0
Cystine	2.2
Glutamic Acid	18.1
Glycine	1.4
Histidine	1.7
Isoleucine*	6.4
Leucine*	10.6
Lysine	9.6
Methionine	2.2
Phenylalanine	3.0
Proline	5.5
Serine	4.6
Threonine	6.7
Tryptophan	1.4
Tyrosine	2.6
Valine*	5.9

\* = BCAA

Concentration of protein fractions	% of total protein
Beta Lactoglobulin	40 - 46
Glycomacropeptide	15 - 20
Alpha Lactalbumin	10 - 15
Bovine serum albumin	1 - 2
Immunoglobulin G	2 - 5
Lactoferrin	<1

<b>Heavy Metals</b>	<b>ppm</b>
Aluminium (Al):	<5
Arsenic (As):	<0.25
Cadmium (Cd):	<0.1
Chromium (Cr):	<0.25
Copper (Cu):	<20.0
Iron (Fe):	<20.0
Lead (Pb):	<0.25
Manganese (Mn):	<1.0
Mercury (Hg):	<0.05
Molybdenum (Mo):	<0.25
Selenium (Se):	<0.25
Tin (Sn):	<0.5
Titanium (Ti):	<10.0
Zinc (Zn):	<20.0

<b>Nutritional Information</b>	<b>Typical Values per 100 g powder</b>
Energy <sup>1</sup>	1706 kJ/402 kcal
Protein (N x 6.38)	78 g
Carbohydrate	6.0 g
of which sugars	6.0 g
Fat	7.0 g
of which saturates	4.2 g
Fibre	nil
Cholesterol	220 mg
Sodium	0.20 g
Vitamin B2 (Riboflavin)	0.43 mg

<sup>1</sup>Typical values calculated as an indication only

**For further information contact**

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