

PINK SUN Ltd

Certificate of Analysis



Product name: PINK SUN Organic Certified Whey Protein Concentrate

Common name: Organic whey protein powder concentrate from grass fed cows' milk

Key component analysis per 100g (of dry matter)

Protein: 80g
Energy: 388Kcal
Carbohydrates: 3.5 g
Fat: 5.0g



GB-ORG-04
EU Agriculture

Detailed component analysis and method (equivalent)

Moisture	CMM 1.1.1	%	<5.0
Ash	CMM 6.1	%	<8.0
Lactose		%	3.5
pH	CCM 7.2		6.7
Coliforms	BMM 2.2		10cfu/g
E Coli	BMM 2.2		Absent in 1g
Staph. Aureus	BMM 3.4		<100cfu/g
Yeast	BMM 5.3		<50cfu/g
Moulds	BMM 5.3		<50cfu/g
Salmonella	BMM 7.1.1		Absent in 25g

Typical Amino Acid value (% of protein):

Alanine	3.7	Lysine	7.6
Arginine	1.2	Methionine	2.1
Aspartic Acid	10.1	Phenylalanine	2.3
Cystine	1.4	Proline	6.1
Glutamic Acid	15.2	Serine	4.7
Glycine	1.0	Threonine	7.2
Histidine	0.8	Tryptophan	1.1
Isoleucine*	4.9	Tyrosine	2.3
Leucine*	9.9	Valine*	4.0 (* BCAA)

Typical Immuno cofactors (%):

Alpha lactalbumin	14
Beta lactoglobulin	49
Bovine serum albumin	3.2
Glycomacropeptide	4.0
Immunoglobulin G	8
Lactoferrin	0.6

Trace Metals (ppm):

Arsenic	<0.1
Cadmium	<0.005
Lead	<0.02
Mercury	<0.01

Note, < sign (less than) designates a value below the lowest detection limit i.e. <0.1 lower detection limit is 0.1, therefore actual value is below 0.1.

Allergen components: Cows' milk protein containing lactose

Supplementary notes: