

PINK SUN Ltd

Certificate of Analysis



Product name: PINK SUN Everyday Whey Protein Concentrate
Common name: Whey protein powder concentrate from grass fed cows' milk

Key component analysis per 100g (of dry matter)

Protein: 82g
Energy: 417Kcal
Carbohydrates: 6.0g
Fat: 8.3g

Detailed component analysis and method

Moisture	CMM 1.1.1	%	4.9
Ash	CMM 6.1	%	3.5
Lactose		%	4.0
pH	CCM 7.2		6.5
Coliforms	BMM 2.2		Absent in 1g
E Coli	BMM 2.2		Absent in 25g
Staph. Aureus	BMM 3.4		Absent in 25g
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	5.0	Lysine	9.6
Arginine	2.1	Methionine	2.2
Aspartic Acid	11.1	Phenylalanine	3.0
Cystine	2.2	Proline	5.5
Glutamic Acid	18.2	Serine	4.6
Glycine	1.4	Threonine	6.7
Histidine	1.7	Tryptophan	1.4
Isoleucine*	6.4	Tyrosine	2.6
Leucine*	10.7	Valine*	6.0 (* BCAA)

Typical Immuno cofactors (%):

Alpha lactalbumin	15
Beta lactoglobulin	44
Bovine serum albumin	1.6
Glycomacropeptide	18
Immunoglobulin G	4
Lactoferrin	0.6

Trace Metals (ppm):

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
Zinc	<5.00		

Note, < sign (less than) designates a value below the lowest detection limit i.e. <0.25 lower detection limit is 0.25 therefore actual value is below 0.25.

Allergen components: Cows' milk protein containing lactose

Supplementary notes: