

# PINK SUN Ltd

## Certificate of Analysis



**Product name:** PINK SUN Natural Whey Protein Isolate  
**Common name:** Whey protein powder isolate from grass fed cows' milk

### Key component analysis per 100g (of dry matter)

Protein: 92g  
Energy: 380Kcal  
Carbohydrates: <1g  
Fat: <1g

### Detailed component analysis and method

Moisture	CMM 1.1.1	%	4.9
Ash	CMM 6.1	%	<3
Lactose		%	<3
pH	CCM 7.2		6.3
Coliforms	BMM 2.2		Absent in 1g
E Coli	BMM 2.2		Absent in 1g
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	11.0	Phenylalanine	3.0
Cystine	2.2	Proline	5.5
Glutamic Acid	18.1	Serine	4.6
Glycine	1.4	Threonine	6.7
Histidine	1.7	Tryptophan	1.4
Isoleucine*	6.4	Tyrosine	2.6
Leucine*	10.6	Valine*	5.9 (* BCAA)

### Typical Immuno cofactors (%):

Alpha lactalbumin	17
Beta lactoglobulin	47
Bovine serum albumin	1.5
Glycomacropeptide	27
Immunoglobulin G	2
Lactoferrin	0.5

### 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:**