



VITESSENCE® Pulse 1853 pea protein

VITESSENCE® Pulse 1853 is a pea protein prepared by water-based extraction of yellow peas (*Pisum sativum*). It contains a minimum of 84% protein content on dry matter basis.

Label Declaration Recommendation

Pea Protein

EU Classification

Food Ingredient

Storage and Handling

Store in a clean, dry, well-ventilated warehouse at ambient temperature and humidity, away from odorous materials.

Shelf Life

24 months from date of manufacture if stored correctly. Best before dates printed on each bag.

Safety Data

While not regarded as "Hazardous", plant proteins are fine organic powders and, as such, they can give rise to a nuisance dust which has the potential to cause a dust explosion. See Safety Data Sheet. This product has been produced in accordance with all relevant EU legislation and in compliance with the required EU standards for food safety and hygiene.

Chemical and Physical Properties

	Min	Max	Unit
Moisture <i>as packed</i>		8.0	%
pH <i>10% aqueous suspension</i>	6.5	8.0	-
Protein <i>(d.b.)</i>	84.0		%

Physical Appearance

	Typical
Colour	creamy / off white
Form	fine powder

Microbiological Limits

	Max	Unit
TVC	10000	cfu / g
Yeast	200	cfu / g
Mould	200	cfu / g
E. coli	negative	/ 10g
Salmonella	negative	/ 25g

Additional Information

Contaminants Complies with Regulation (EC) 1881/2006, as amended

Pesticides Complies with Regulation (EC) 396/2005, as amended

Kosher Certificate Yes

Halal Certificate Yes

Nutritional Data / 100 g

While this information is typical of the product it should not be considered a specification

	Typical	Unit
Energy	1692	kJ
	400	kcal
Fat	7.5	g
of which saturates	1.70	g
Carbohydrates	0.3	g
of which sugar	0.3	g
Fibre	2.6	g
Protein	81.7	g
Salt	2.84	g
Ash	4.1	g

Amino Acids / 100 g

Determined by AOAC 994.12 (Results reported as % hydrolysable Amino Acids in 100 g of product (as is))

	Typical	Typical
Histidine	1.8	Valine 3.6
Isoleucine	3.4	Glycine 2.6
Leucine	6.0	Arginine 6.4
Lysine	5.5	Proline 3.1
Methionine	0.8	Aspartic acid 8.4
Cysteine	0.7	Glutamic acid 12.5
Phenylalanine	4.0	Alanine 2.9
Tyrosine	2.8	Serine 2.2
Threonine	2.6	Hydroxyproline N/A
Tryptophan	0.8	

Non-protein Nitrogen content 1.8

N/A = Not applicable or not a significant source for nutrition, below limit of detection

This document is issued on behalf of the Ingredion EMEA Company which is supplying the product. The Ingredion EMEA Companies are part of the Ingredion group of companies. The respective details of each of the Ingredion EMEA Companies are as follows:

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