

Lacprodan[®] SP-9225 Instant



Description

Lacprodan[®] SP-9225 Instant is a soya lecithin instantised whey protein isolate for protein fortification in ready-to-use dry mixes for sports foods. The instant powder has an increased wettability and dissolves instantly in cold and warm water.

Properties

- › Instant over a wide pH-range
- › Designed for solutions with a neutral pH
- › Neutral taste
- › Low fat and carbohydrate content

Chemical specifications

Protein (Nx6.38) as is		87 %
Protein (Nx6.38) d.m.		92 %
Lactose	max.	1.0 %
Fat	max.	2.0 %
Ash	max.	4.5 %
Moisture	max	6 %

Minerals

Sodium Na	level	0.5 %
Phosphorus P	level	0.2 %
Chloride Cl	level	0.1 %
Potassium K	level	1.0 %
Calcium Ca	level	0.1 %

Nutritional data

Calculated values for nutrition labeling per 100 g powder

Energy	1499 kJ/357 kcal
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Physical specifications

pH (10% solution)		6.5-7.0
Scorched particles		disc A
Bulk density (tapped)	level	0.3 g/cm ³
Solubility index	max.	0.1 ml
Wettability	level	< 30 sec.
Dispersibility	level	> 95 %
Colour of powder		white to cream
Colour in 10% solution		opaque
Flavour/odour		bland
Soya lecithin added		

Microbiological specifications

Total plate count	max.	10,000 CFU / g
Enterobacteriaceae	max.	10 CFU /g
Staphylococcus aureus coagulase +	absent	in 1g
Yeast/Mould	max.	10 CFU /g
Salmonella	absent in	125 g

Packaging

Paper bags with a polyethylene inner liner containing 15 kg net

Storage

Store in closed bags under cool and dry conditions to prevent deterioration due to humidity and high temperatures.

Shelf Life

Minimum 24 months if kept under the prescribed storage conditions.

Amino acids (AA)

Typical amino acid composition g. AA/100 g. protein

Alanine		5.6
Arginine		2.2
Aspartic acid (asparagine)		11.5
Cysteine (Cystin)		2.5
Glutamic acid (glutamine)		18.6
Glycine		1.7
Histidine	*	1.8
Isoleucine	*	7.1
Leucine	*	11.5
Lysine	*	10.3
Methionine	*	2.5
Phenylalanine	*	3.2
Proline		6.9
Serine		5.2
Threonine	*	7.7
Tryptophane	*	1.8
Tyrosine	*	3.1
Valine	*	6.3
Total BCAA/TAA		22.7
* Essential Aminoacids		

Legal references

Lacprodan® SP-9225 Instant. The product is manufactured, packaged and labelled according to the relevant EU-regulations for food and food ingredients, and/or FAO/WHO Codex Alimentarius, when relevant. This includes that the milk/milk constituents used as raw material origins from healthy cows. The milk used in the production is included in monitoring programmes for undesirable substances, as required by regulations or HACCP-based risk assessment. The production plants are approved by the competent authorities and included in the EU-register of approved food establishments.

For products manufactured outside EU the products comply with relevant regulations in the country where the product is produced.



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Allergens

The table below indicates the presence (as added component) of the following allergens and products thereof:

YES	NO	ALLERGENS	DESCRIPTION OF COMPONENTS
	●	Cereals containing gluten and products thereof	
	●	Crustaceans and products thereof	
	●	Eggs and products thereof	
	●	Fish and products thereof	
	●	Peanuts and products thereof	
●		Soya beans products thereof	Soy Lecithin
●		Milk and products thereof (including lactose	Bovine milk
	●	Nuts	
	●	(Tree) Nuts and products thereof	
	●	Celery and products thereof	
	●	Mustard and products thereof	
	●	Sesame seeds and products thereof	
	●	Sulphur dioxide and sulphites (>10 mg/kg)	
	●	Lupin and products thereof	
	●	Molluscs and products thereof	

