

**Description** **PRODIET 90 S** is a soluble milk protein isolate best known as **native whey protein isolate**. It is a spray-dried powder that contains more than **90% protein on dry matter**. **PRODIET 90 S** contains only **soluble proteins** isolated from premium quality fresh milk.

**Applications** **PRODIET 90 S** is adapted to functional foods thanks to its **good solubility** and **pH stability**.

**Benefits** **PRODIET 90 S** is tailored to be used in **clinical, infant, diet and sports nutrition products**. **PRODIET 90 S** is very rich in high nutritional quality soluble proteins that particularly bring **Branched-Chain Amino Acids (BCAA)**, which are scientifically proven to have a positive effect on sports performance, effort preparation and recovery.

## Technical specifications

Physical-Sensorial	Typical Value	Guaranteed Value	Method of Analysis
Form	Free flowing powder		Internal method
Color	Creamy white		Internal method
Taste and odor	Milky		Internal method
Scorched particles	A	A-B	ADMI

## Chemical

Total moisture	5.5 %	≤ 6.0 %	FIL 26A / V04-348
Total protein	85.5 %		ISO 8968
Protein on dry matter	90.5 %	≥ 90.0 %	by calculation
α-lactalbumin / proteins	25-30 %		Internal method
Total fat	1.0 %	≤ 1.5 %	ISO 1736
Total carbohydrate	5.5 %		by difference
(of which) Sugars	5.5 %		by difference
Total ash	2.5 %		V04-208

## Microbiological

Total Plate Count	10 000 CFU / g	< 50 000 CFU / g	ISO 4833
Yeasts - Moulds	10 CFU / g	< 30 CFU / g	ISO 6611
Coliform organisms	Negative / 0.1 g	Negative / 0.1 g	ISO 4831
Enterobacteriaceae	Negative / 0.1 g	Negative / 0.1 g	ISO 21528
E. coli	Negative / g	Negative / g	ISO 7251
Salmonella	Negative / 25 g	Negative / 25 g	ISO 6579
Staphylococcus coag. +	Negative / g	Negative / g	ISO 6888

## Nutritional

Energy per 100g	373 kcal - 1584 kJ
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## Packaging and storage

Packaging:  
15kg bag

Best before date:  
18 months when stored in a cool and dry place.

## Quality assurance

Additives : Free

Allergens : Milk and products thereof

BSE : Free

Contaminants : Comply with EC regulation

GMO : Complies with EC regulations

Kosher : Yes

Halal : Yes

## Regulation

Customs code (EC) : 35.02.20.91.00

Customs code (USA) : 35.02.20.00.00

Suggested labelling : Whey Protein Isolate (Native WPI)

Aug. 04, 2022

In the absence of an agreed specification, this technical data sheet would be held valid for delivery.