

This product is manufactured by acid precipitation of casein, reacting with a neutralising agent and dried.

## Key Applications



**Cream & Creamers**



**Yogurt Manufacture**



**Ice Cream Manufacture**



**Sports Nutrition**  
Nutrition bars and high protein beverage powders



**Meat**



**Bakery**

## Key Characteristics

- Additional nutritional profile
  - Protein and amino acids
- Increased functionality
  - Foaming/whipping
  - Emulsification
  - Water & fat absorption

## Typical Physical Properties

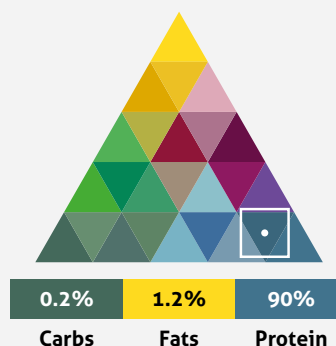
Colour	Light cream
Flavour	Neutral
Bulk density (IDF 134)	0.65-0.83 g/mL
Scorched particles (ADPI)	Typically Disc A
pH	7.0

## Typical Nutritional Analysis

	Per 100g
Energy	1494 kJ
Cals	357 kcal
Fat	1.2 g
<i>of which saturates</i>	0.8 g
Trans Fat	Trace
Carbohydrates	0.2 g
<i>of which lactose</i>	0.2 g
Protein	90 g

## Typical Composition

### Calorific Ratio Pyramid



Protein	90 %
Moisture	7.0 %
Milk Fat	1.2 %
Ash	4.5 %

\* Please note all stated values are typical, always clarify minimum/maximum levels with an Ornua Specification.



Exports to over **110** countries worldwide



Delivers **creative** customer solutions



Ireland's largest dairy product exporter



Milk from **grass-fed** cows

## Typical Microbial Values

SPC (cfu/g)	20,000 max
Coliforms (cfu/g)	Negative
Yeasts (/g)	50 max
Moulds (/g)	50 max
Salmonella (/375g)	Negative

## Typical Shelf Life

24 months from date of production under recommended storage conditions.

## Packaging

Net weight	25 kg
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Multi-wall paper which incorporates a moisture barrier. All packaging in direct contact with product is food grade and all coding on labels is clear and traceable.

Net weight	1000 kg
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Woven Polypropylene bag that contains the product with a barrier plastic liner or alternatively in a polycoated bag (without liner).

Ornua standard pallet is heat treated: 1200mm\*1000mm (25kg \*40/1000kg\*1)

## Storage

Product must be stored in a cool dry place <25°C @ max 65% relative humidity. Product should not be exposed to strong odours or sunlight.

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## Compliance

### Product Declaration



Halal



Kosher

### Food Safety Standards



Certified to  
GFSI Global Standards

## Quality Assurance

Ornua is committed to supplying its customers with milk products which are manufactured to the highest food safety and quality standards.

Ornua products meet all applicable EU legislation and our supplying manufacturing sites are accredited to the highest standards.

A certificate of analysis is available on request and typically includes the key compositional, physical and microbiological parameters outlined in the product specification.

## Sustainability

Our Way Matters, our sustainability framework, contains three pillars; Our Way of Farming, Our Way of Operating and Our Way of Supporting. Each pillar sets out positive initiatives that benefit our environment, our business and our community.

Ornua is a founding member of Origin Green, the sustainability programme of the Irish food and drink industry. Ireland's dairy farmers adhere to the Sustainable Dairy Assurance Scheme whereby an independent audit takes place covering areas such as animal health and welfare, hygiene, land management, biosecurity and greenhouse gas emissions.



## Suggested Labelling

Allergen's: Only allergen is **milk** which is the raw material

Country regulations for product labelling vary. Ornua advises customers to check local regulations to determine specific labelling for this ingredient.

## Contact Details:

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