



Premium Lactoferrin

- > Anti-Microbial Activity
- > Immune System Enhancement
- > Gut Health
- > Anti-Oxidant Properties

Origin ●

PREMIUM LACTOFERRIN is a protein occurring naturally in milk and human secretions such as saliva, tears or human milk.

PREMIUM LACTOFERRIN has a high iron-binding capacity, which notably gives the protein a strong anti-microbial activity and an anti-oxidant effect.

● Benefits

Numerous scientific studies have focused on the outstanding properties of lactoferrin.

Lactoferrin indeed provides numerous health and nutritional benefits such as:

- >Anti-microbiological activity, in particular for oral hygiene
- >Immune system enhancement
- >Gut health
- >Anti-oxidant properties

Characteristics ●

PREMIUM LACTOFERRIN is premium quality:

- >The extraction directly from premium quality fresh bovine milk - and not from by-products - guarantees a natural and a non-denatured form
- >Highly purified (lactoferrin content >90%)
- >A controlled process preserves the original qualities of the protein and maintains its high functional properties
- >A lower iron saturation than main market products, meaning a higher iron-binding ability and a better biological activity





Applications

PREMIUM LACTOFERRIN is fully water-soluble.

PREMIUM LACTOFERRIN is recommended for use in:

- >Dietary supplements
- >Oral care products
- >Functional foods*

*except in the European Union

Support

More than a support Ingredia builds real partnerships with its customers and provides a wide range of services to help them throughout the product development process:

- >Technical services: support, customized co-development, regulatory and tariff information, labeling recommendations...
- >Marketing support: positioning advice, original concepts, product launch support...

Typical analysis*

Physical	
Colour	Salmon Pink Powder
Taste	Neutral
Chemical	
Moisture	2%
Protein	≥97%
Lactoferrin (% of protein)	≥90%
Iron saturation	10-20%
Microbiological	
Total plate count	≤1000/g
Coliform organisms	Abs/g
Coagulase + S. Aureus	Abs/g
E. Coli	Abs/g
Listeria	Abs/25g
Salmonella	Abs/25g
Nutritional (Indicative values)	
Typical value per 100g	392 kcal(1640 kJ)
Amino Acids in g per 100g proteins :	
Alanine	6.6
Arginine	7.5
Aspartic acid+asparagine	10.2
Cysteine	4.4
Glutamic acid+glutamine	12.9
Glycine	4.1
Histidine EAA	1.8
Isoleucine BCAA-EAA	2.0
Leucine BCAA-EAA	9.6
Lysine EAA	8.8
Methionine EAA	0.8
Phenylalanine EAA	5.0
Proline	4.6
Serine	5.3
Threonine EAA	5.1
Tryptophan EAA	2.9
Tyrosine	4.2
Valine BCAA-EAA	4.1

* All values are indicative and are not guaranteed (see data sheet)
BCAA: Branched Chain Amino Acid EAA: Essential Amino Acid