CARBERY

FUNCTIONAL

PROTEIN INGREDIENTS

Whey Protein for Everyday Foods

carbery.com/nutrition



ELEVATING MAINSTREAM FOODS

Today's consumer expects every product to deliver more: more nutrition, more satisfaction and more trust.

Protein adds value when it performs. It must withstand processing, integrate smoothly, and enhance the eating experience consumers expect, without adding complexity or risk.

This is where functionality matters most: choosing the right protein to improve how your food products are made and enjoyed.



IT'S NOT JUST ABOUT MORE PROTEIN, IT'S ABOUT THE RIGHT PROTEIN.

- HEAT STABILITY
- NEUTRAL TASTE
- TEXTURE & MOUTHFEEL
- PROCESS RELIABILITY
- LABEL & VALUE



Carbelac®

IT'S WHAT EVERYDAY FOODS NEED FROM PROTEIN.

Carbelac is a versatile whey protein concentrate designed to deliver stability, functionality, and clean-label benefits across a wide range of food applications. Its unique heat-stable properties make it ideal for both pasteurised and UHT-processed products, ensuring consistent taste, creamy texture, and reliable shelf-life performance.

As a high-quality protein source that supports fat reduction, Carbelac helps manufacturers create nutritious, creamy, cost-effective products with high quality and sensory appeal.

Carbelac®

Delivering performance improvements and a superior eating experience in everyday foods.













DAIRY

Elevating dairy products for exceptional eating experiences.

CREAMY MOUTHFEEL

IMPROVED VISCOSITY

FAT REPLACEMENT

Carbelac whey protein concentrate delivers exceptional functional performance across chilled and frozen dairy formats, adding creamy texture, excellent mouthfeel, and a superior eating experience.

FUNCTIONAL BENEFITS

- Fat Simulation
- Improved Mouthfeel and Viscosity
- Superior Creaminess
- Good Emulsification
- Clean Taste

LABEL ADVANTAGES

- Clean Label Declaration
- Naturally Dairy-derived

DIETARY & CERTIFICATION BENEFITS

- Kosher and Halal Approved
- Suitable for Vegetarians



SOUPS

Soups benefit from a rich, creamy texture that enhances the "real food" experience and supports a more wholesome result.

EXCELLENT SENSORY EXPERIENCE

STABLE THROUGH PROCESSING

REDUCED RELIANCE ON HIGH COST CREAM & FATS

Carbelac whey protein concentrate is designed to support the functional demands of modern soup formulations, helping products perform consistently without compromising eating quality.

FUNCTIONAL BENEFITS

- Fat Reduction
- Protein Enrichment
- Improved Mouthfeel
- Excellent Viscosity
- Creaminess
- Acid Stability
- Clean Taste

LABEL ADVANTAGES

- Clean Label Declaration
- Naturally Dairy-derived

DIETARY & CERTIFICATION BENEFITS

- Kosher and Halal Approved
- Suitable for Vegetarians



SAUCES

From a creamy pasta sauce to curry, a delicious wholesome texture brings a rich dimension to cooking sauces.

RICH & CREAMY TEXTURE

BETTER FOR YOU INDULGENCE

NATURAL AND FAMILIAR INGREDIENTS

Carbelac whey protein concentrate improves mouthfeel and texture. It also offers good heat resistance which ensures process stability during production. Fat reduction is another key benefit of our whey proteins which can replace cream in some sauces with minimal impact on taste or mouthfeel.

FUNCTIONAL BENEFITS

- Fat Reduction
- Protein Enrichment
- Improved Mouthfeel
- Natural Enhancer
- Creaminess & Texture
- Acid Stability
- Excellent Viscosity
- Clean Taste

LABEL ADVANTAGES

- Clean Label Declaration
- Naturally Dairy-derived

DIETARY & CERTIFICATION BENEFITS

- Kosher and Halal Approved
- Suitable for Vegetarians



MAYO

Unlocks smooth, satisfying creaminess while reducing reliance on eggs.

CREAMY MOUTHFEEL

BETTER FOR YOU INDULGENCE

ALTERNATIVE TO ARTIFICIAL / SYNTHETIC EMULSIFI ERS

Carbery combines protein and taste expertise to achieve the best commercial solution while allowing your products to taste their very best.

Carbelac whey protein concentrate provides a functional whey protein ingredient for egg replacement in mayonnaise and dressings whilst keeping ingredient labelling clean and natural.

FUNCTIONAL BENEFITS

- Fat Reduction
- Protein Enrichment
- Egg Replacement
- Cost Reduction
- Good Mouthfeel
- Creaminess
- Opacity
- Clean Taste

LABEL ADVANTAGES

- Clean Label Declaration
- Naturally Dairy-derived

DIETARY & CERTIFICATION BENEFITS

- Kosher and Halal Approved
- Suitable for Vegetarians



PROTEIN COFFEE

Delivering rich body, clean taste, and a velvety sip every time.

CREAMY MOUTHFEEL AND SMOOTH TEXTURE

NATURAL EMULSIFYING PROPERTIES

EXCELLENT PROCESSING AND SHELF LIFE STABILITY

Carbelac whey protein concentrate is an ideal choice for protein fortified coffee applications as it provides the functional protein needed to create a stable and premium beverage. It acts as a high-quality dairy base that improves the overall drinking experience. Its ability to balance technical performance with a clean, milky taste makes it a versatile solution for manufacturers looking to produce hot or cold protein-fortified coffee drinks.

FUNCTIONAL BENEFITS

- Fat Simulation
- Improved Mouthfeel
- Heat Stable Viscosity
- Exceptional creaminess
- Good emulsification
- Clean taste

LABEL ADVANTAGES

- Clean Label Declaration
- Naturally Dairy-derived

DIETARY & CERTIFICATION BENEFITS

- Kosher and Halal Approved
- Suitable for Vegetarians

CARBERY

HOW WE SUPPORT YOU

Cost Optimisation
Carbelac is a cost-efficient alternative for ingredients such as butter, cream and eggs.

Application Expertise
Deep formulation knowledge to help protein perform as intended across real food formats.

Scale-up Confidence
Support that ensures what works in development continues to work in production.

Reducing Risk
Proven functional ingredients that avoid costly reformulation and performance issues.

Commercial Reliability
Consistent supply, quality and performance you can plan around with confidence.

Taste Experience
Ensuring protein products deliver on taste as well as function.

carbery.com/nutrition