



DARITEK™ M

Whey Protein Concentrate

Code 348

PRODUCT DESCRIPTION

A white to cream-colored, spray-dried, whey protein concentrate with a protein content of 30%. Whey protein concentrate is produced by removing a portion of the smaller molecular weight milk minerals and lactose by ultrafiltration of sweet whey.

FUNCTIONALITY

Daritek™ M is specially processed to have higher gelation properties with similar viscosity, as compared to whey protein concentrate 34%. Unlike other proteins, whey proteins are soluble over a wide pH range from 2 to 10, which enhances their versatility as food ingredients. Daritek M contains whey proteins that are high in protein quality, with a PER (protein efficiency ratio) that exceeds casein and soy protein. The mild dairy flavor of Daritek M blends well with savory flavors used in meat applications.

TYPICAL APPLICATIONS

Processed Meat Applications: Daritek M is designed to form strong gels when heated which helps to bind water and prevent moisture loss upon cooking.

STORAGE CONDITIONS

Dry/ambient conditions are recommended. Store less than 75% relative humidity. Do not store under refrigeration.

RE-EVALUATION DATE

Twelve months from date of manufacture.

TECHNICAL DATA

Ingredient Listing: Whey Protein Concentrate (milk)

Physical Analysis	Typical	Specification
Protein (Nx6.38)%	33.0	30.0 (min)
Lactose %	50.0	
Fat %	3.5	4.5 (max)
Minerals %	7.6	9.0 (max)
Moisture %	4.0	5.0 (max)
pH (10% solids)	6.5	6.0-7.2
Scorched Particles	7.5mg/25g	15.0mg/25g(max)

Microbiological Standards

Std Plate Count cfu/g	3,000	50,000 (max)
Coliform Count cfu/g	Negative	10 (max)
E. coli	Negative	Negative
Salmonella	Negative	Negative

Food Energy

K Cal/100g	380
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Mineral Analysis

Magnesium mg/100g	100
Calcium mg/100g	490
Phosphorus mg/100g	520

Vitamin Analysis

Thiamine mg/100g	0.4
Riboflavin mg/100g	1.8
Niacin mg/100g	0.4

Physical Characteristics

Appearance	Free from lumps that do not break up under slight pressure
Flavor	Free from any foreign flavors and odors
Extraneous matter	Free from extraneous matter

Allergen Classification

Dairy product – contains whey proteins and lactose.