



**DARITEK™ -M**  
**Whey Protein Concentrate**  
**Code 348**

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**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)

<b>Physical Analysis</b>	<b>Typical</b>	<b>Specification</b>
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.