

## Provon® 292

## PRODUCT DATA

**Provon® 292** is an instantized whey protein isolate extracted from sweet dairy whey. Proprietary membrane techniques are used to yield a highly pure, nutritionally superior and undenatured isolate. Provon 292 goes through an instantizing process that allows it to disperse easily in beverages and solutions. Its low flavor profile, high protein content, and low lactose and fat levels make it the protein of choice for many beverage applications.

### TYPICAL ANALYSIS

Protein, dry basis	>90%
Moisture	<5.0%
Fat	<1.3%
Minerals	<3.0%
Lactose	<1.0%
pH	6.0 - 6.5

### SUGGESTED LABELING

- Whey protein isolate, lecithin
- Allergen information: contains milk and soy ingredients
- Kosher and Halal approved

### PRODUCT CHARACTERISTICS

- Excellent dispersability and hydration
- Excellent nutritive value
- Soluble over a wide pH range
- Bland flavor

### SUGGESTED USES

- Fortified beverages
- Sports beverages
- Nutritional dry mixes
- Dietetic products

### NUTRITIONAL INFORMATION / 100G

Calories	370
Calories from Fat	8.0
Total Fat	0.9 g
Saturated Fat	0.3 g
Polyunsaturated Fat	0.3 g
Monounsaturated Fat	0.2 g
Trans Fatty Acid	<0.1 g
Cholesterol	10 mg
Total Carbohydrate	2.0 g
Dietary Fiber	-
Sugars	0.7 g
Protein (as is)	88 g
Vitamin A	-
Vitamin C	-
Thiamin	-
Niacin	-
Riboflavin	-
Calcium	430 mg
Sodium	200 mg
Potassium	390 mg
Magnesium	80 mg
Iron	0.6 mg
Phosphorus	220 mg

### MICROBIOLOGICAL ANALYSIS

Standard Plate Count	<30,000 cfu/g
Coliform	<10 cfu/g
Yeast and Mold	<50 cfu/g
Coag. Pos. Staph	<10 cfu/g
Salmonella	Negative/375g
Listeria	Negative/50g

### AMINO ACID PROFILE / 100G POWDER

Aspartic Acid	10.1
Threonine	6.8
Serine	4.2
Glutamic Acid	13.8
Glycine	1.7
Alanine	5.2
Valine	5.4
Isoleucine	6.0
Leucine	9.0
Tyrosine	2.2
Phenylalanine	2.6
Histidine	1.1
Lysine	7.8
Arginine	1.8
Proline	5.6
Cystine	2.1
Methionine	1.8
Tryptophan	0.8

### PACKAGING AND STORAGE

Multi-wall, Kraft paper sacks, having inner food grade polyethylene liner

Net weight 20 kg (44.092 lbs)

Store in a cool, dry, clean environment below 25° C (77° F) and at relative humidity below 65%. Keep away from strong odors and other contaminants.

Use stocks in rotation for up to two years