

## ProTherma™

## PRODUCT DATA (PRELIMINARY)

ProTherma™ is an agglomerated hydrolyzed whey protein designed for use in hot RTM beverage applications. NOTE: all product data is preliminary and subject to change.

### TYPICAL ANALYSIS

Protein*, dry basis	>87.1%
Moisture	<5.0%
Fat	<2.4%
Minerals	<6.5%
pH	≤7.55

### SUGGESTED LABELING

- Hydrolyzed whey protein concentrate, lecithin (derived from soy)
- Allergen information: contains milk and soy ingredients
- Kosher and Halal approved

### PRODUCT CHARACTERISTICS

- Heat stable protein
- Low in lactose
- Easily dispersible

### SUGGESTED USES

- Can be utilized in hot coffee, tea and cocoa beverage systems

### 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/375 g

\*Protein calculated using nitrogen content. Nitrogen Factor: Nx6.41

### NUTRITIONAL INFORMATION / 100G POWDER

Calories (kcal)	378
Calories from Fat (kcal)	15.9
Total Fat	1.8 g
Saturated Fat	0.9 g
Polyunsaturated Fat	0.3 g
Monounsaturated Fat	0.4 g
Trans Fatty Acid	0.06 g
Cholesterol	55 mg
Total Carbohydrate	2.4 g
Dietary Fiber	-
Sugars	0.9 g
Added Sugars	-
Protein*, as is	85.2 g
Vitamin A	-
Vitamin C	-
Thiamin	-
Niacin	-
Riboflavin	-
Vitamin D	-
Calcium	555 mg
Sodium	492 mg
Potassium	1,667 mg
Magnesium	113 mg
Iron	0.7 mg
Phosphorus	371 mg

### AMINO ACID PROFILE / 100G POWDER

Aspartic Acid	10.3
Threonine	6.4
Serine	4.2
Glutamic Acid	16.1
Glycine	1.6
Alanine	4.3
Valine	4.8
Isoleucine	6.0
Leucine	9.4
Tyrosine	2.8
Phenylalanine	2.7
Histidine	1.6
Lysine	9.5
Arginine	2.0
Proline	5.5
Cystine	2.3
Methionine	1.9
Tryptophan	1.9

### PACKAGING AND STORAGE

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

Net weight 20 kg (44.092 lb)

Store in a cool, dry, clean environment below 26° C (80° F) and at relative humidity below 65%

Keep away from strong odors and other contaminants

Use stocks in rotation for up to two years