

BURT LEWIS (CANADA) INC.

Kosher Whey Powder

Description: Non-hygroscopic, white, Kosher whey powder is a spray-dried product manufactured from fresh, sweet cheese whey. This product has a wide variety of application in dairy products, desserts, frozen desserts, toppings, bakery products and fillings, sauces, gravies, soups, salad dressings, confectionary products, prepared foods, meat products, snack foods, seasonings, dry mixes and numerous other food formulations. Usage levels are dependent upon end use and product application.

Ingredient Declaration

Whey or whey powder or modified milk ingredients.

Packaging

Available in 25 kg net, poly-lined, multi-wall kraft paper bags, or a 1000 kg net, poly-lined tote system.

Storage Stability

To maintain optimum flavour and quality of product, transport and store in a cool (<20° C), clean, dry (RH <65%) environment. Product should not be exposed to direct sunlight, strong odours or open air for extended periods of time. Frequent rotation of stock is recommended for freshness of flavour and product. Shelf life under recommended storage conditions: 6 months optimal, 12 months maximum.

Attributes

Appearance: homogeneous powder
Colour: light cream – white to cream-white
Texture: free-flowing granular powder; free of lumps that do not break under light pressure
Flavour: clean; slightly sweet; typical whey/ dairy notes

Microbiological Data

| | <u>Typical</u> | <u>Limits</u> |
|-------------------------|----------------|----------------|
| SPC (cfu/g) | <1000 | 50 000 maximum |
| Coliforms (cfu/g) | <10 | 10 maximum |
| Salmonella (/2x 125g) | Negative | Negative |
| S. aureus (/g,coag.pos) | Negative | Negative |
| Yeast & Mould (/g) | < 10 | 100 maximum |

Nutritional Information

| | |
|--------------|---------|
| Weight (g) | per 100 |
| Moisture (g) | 1.4 |
| Calories | 364 |

Calories Based On: Calories Contributed By:

| | | | |
|-------------------|-------|-----------------|------|
| Protein (g) | 12.9 | Protein (%) | 14 |
| Carbohydrates (g) | 76.0 | Carbs (%) | 84 |
| Total Fat (g) | 0.9 | Total Fat (%) | 2 |
| Total Fat (g) | 0.9 | Calcium (mg) | 670 |
| Saturated Fat (g) | 0.6 | Magnesium (mg) | 140 |
| Mono Fat (g) | 0.3 | Phosphorus (mg) | 700 |
| Poly Fat (g) | <<0.1 | Potassium (mg) | 2500 |
| Cholesterol (mg) | 31 | Sodium (mg) | 1040 |

Profile for Essential Amino Acids (g per 100g):

| | | | |
|---------------|------|------------|------|
| Cystine | 0.39 | Histidine | 0.21 |
| Isoleucine | 0.59 | Leucine | 1.18 |
| Lysine | 0.97 | Methionine | 0.14 |
| Phenylalanine | 0.39 | Threonine | 0.81 |
| Tryptophan | 0.22 | Valine | 0.63 |

*Based on actual analysis of composite samples in the period of 1991 to 1993

Analytical Data

| | <u>Typical</u> | <u>Limits/ Range</u> |
|-------------------------|----------------|----------------------|
| Milk fat (%) | 0.8-1.0 | 1.2 maximum |
| Ash* (%) | 8.8 | 6.5- 10.0 |
| Moisture (%) | 1.4 | 5.0 maximum |
| Titrateable Acidity* | 0.13 | 0.16 maximum |
| pH (10% w/v solution) | 5.6-5.9 | 5.4 minimum |
| Sediment Disc (/25g) | 1 | 2 maximum |
| Alkalinity of Ash**(mL) | <225 | 225 maximum |

*Solution of 6.5 g in 100mL water

**Not required for QC release criteria.

Burt Lewis (Canada) Inc.

3059 Woodland Park Drive, Burlington, Ontario L7N 1K8

tel: 905.681.1484 fax: 905.681.8822

email: info@burtlewiscanada.ca

www.burtlewiscanada.ca