



**CALLEBAUT**

ESTABLISHED 1911

**C823NV-132**

**Product specification according to the legislation of USA**

### Product Specification

**Legal denomination :** Milk chocolate  
**Certification** Certified HALAL  
**Item :** C823NV-132

This is a preliminary product specification, not to be used as final product specification

### Typical composition

sugar; whole milk powder; cocoa butter; unsweetened chocolate; lecithin (soy); natural vanilla flavor

Cocoa Horizons Foundation: cocoa ingredients. Supports the Cocoa Horizons Foundation in countries where the program is operating.

### Delivery form

|                                | <b>EAN</b>    | <b>Net weight</b> |
|--------------------------------|---------------|-------------------|
| UC                             | 5410522120530 | 5.000 KG          |
| BOX                            | 5410522113945 | 25.000 KG         |
| <b>Shape</b>                   |               | <b>Blocks</b>     |
| <b>Amount</b>                  |               | <b>5KG/UC</b>     |
| <b>Amount per box/bag/each</b> |               | <b>5UC/BOX</b>    |
| <b>Amount per pallet</b>       |               | <b>40BOX/PAL</b>  |

### Chemical limits

|                   |         |         | <b>Ref.Method</b> |
|-------------------|---------|---------|-------------------|
| MOISTURE          | max 1 % |         | IOCCC1(1952)      |
| TOTAL FAT CONTENT | 34.3 %  | +/- 1.5 | IOCCC14(1972)     |

### Physical limits

|                                                                       |                     | <b>Ref.Method</b> |
|-----------------------------------------------------------------------|---------------------|-------------------|
| LINEAR VISCOSITY                                                      | 1,750 - 2,300 mPa.s | IOCCC46(2000)     |
| Particle size : max. 3 % of the dry fatfree substance is > 30 micron. |                     | IOCCC38(1990)     |

### Microbiological limits

|                        |                  | <b>Ref.Method</b> |
|------------------------|------------------|-------------------|
| TOTAL PLATE COUNT (CC) | max 5,000/g      | ISO4833           |
| YEASTS                 | max 50/g         | ISO7954           |
| MOULDS                 | max 50/g         | ISO7954           |
| ENTEROBACTERIACEAE     | max 10/g         | ISO21528-2        |
| COLIFORMS              | max 10/g         | ISO4832           |
| E.COLI                 | not detected/g   | ISO16649-2        |
| SALMONELLAE            | not detected/25g | ISO6579-1         |

Barry Callebaut works with the latest version of the ISO standard of the reference methods as can be found on the International Standard Organization website <http://www.iso.org>

Alternative methods are also used place of the reference ISO standard after validation through the ISO 16140 scheme by an international recognized reference body (AOAC, Microval, AFNOR e.g.) and complimentary internal validation study on cocoa and chocolate matrices.

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**C823NV-132/US/00000000**

2023/01/06 15:45:29

**p. 1 / 4**



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### Shelf life

18 Month (s) after production date

### Nutritional data for 100g (by calculation based on literature data)

|                              |           |                              |           |
|------------------------------|-----------|------------------------------|-----------|
| ENERGY VALUE                 | 534 kcal  | VITAMIN B2 (DV)              | 39.0 %    |
| ENERGY VALUE                 | 2,233 kJ  | VITAMIN B3/PP NIACIN/NICOTIN | 0.170 mg  |
| CALORIES FROM FAT            | 300 kcal  | VITAMIN B3 (DV)              | 1.1 %     |
| TOTAL PROTEIN                | 7.2 g     | VITAMIN B12 CYANO-COBALAMINE | 0.484 µg  |
| PROTEIN (DV)                 | 14.5 %    | VITAMIN B12 (DV)             | 20.2 %    |
| MILK PROTEIN                 | 5.9 g     | VITAMIN D CALCIFEROL         | 1.253 µg  |
| TOTAL CARBOHYDRATES          | 55.5 g    | VITAMIN D (DV)               | 6.3 %     |
| TOTAL CARBOHYDRATES (DV)     | 20.2 %    | VITAMIN D (IU)               | 50        |
| SUGARS (MONO+DISACCHARIDES)  | 51.4 g    | VITAMIN E ALPHA-TOCOPHEROL   | 2.262 mg  |
| ADDED SUGARS                 | 43.2 g    | VITAMIN E (DV)               | 15.1 %    |
| ADDED SUGARS (DV)            | 86.4 %    | VITAMIN E (IU)               | 3         |
| POLYOLS                      | 0.0 g     | FOLATE                       | 10.433 µg |
| POLYDEXTROSE                 | 0.00 g    | FOLATE RDA                   | 2.6 %     |
| STARCH                       | 0.6 g     | SODIUM                       | 84.6 mg   |
| TOTAL FAT                    | 34.3 g    | SODIUM (DV)                  | 3.7 %     |
| TOTAL FAT (DV)               | 44.0 %    | VITAMIN C L-ASCORBIC ACID    | 0.438 mg  |
| SATURATED FATTY ACID         | 20.6 g    | VITAMIN C (DV)               | 0.5 %     |
| SATURATED FATTY ACID (DV)    | 103.2 %   | PHOSPHORUS                   | 216.8 mg  |
| MONO UNSATURATED FATTY ACID  | 10.9 g    | PHOSPHORUS (DV)              | 17.3 %    |
| POLY UNSATURATED FATTY ACID  | 1.1 g     | CALCIUM                      | 212.5 mg  |
| TRANS FATTY ACID (TFA) TOTAL | 0.4 g     | CALCIUM (DV)                 | 16.3 %    |
| CHOLESTEROL                  | 22.4 mg   | IRON                         | 3.53 mg   |
| CHOLESTEROL (DV)             | 7.5 %     | IRON (DV)                    | 19.6 %    |
| ORGANIC ACIDS                | 0.55 g    | MAGNESIUM                    | 46.0 mg   |
| DIETARY FIBRE                | 2.1 g     | MAGNESIUM (DV)               | 10.9 %    |
| DIETARY FIBRE (DV)           | 7.6 %     | ZINC                         | 1.13 mg   |
| TOTAL ALKALOIDS              | 0.14 g    | ZINC (DV)                    | 10.3 %    |
| ALCOHOL                      | 0.00 g    | IODINE                       | 5.97 µg   |
| POLY HYDROXYPHENOLS          | 0.34 g    | IODINE (DV)                  | 4.0 %     |
| VITAMIN A RETINOL            | 12.588 µg | CHLORIDE                     | 184.59 mg |
| VITAMIN A (IU)               | 42        | POTASSIUM                    | 424.1 mg  |
| VITAMIN B1 THIAMIN           | 0.092 mg  | POTASSIUM (DV)               | 9.0 %     |
| VITAMIN B1 (DV)              | 7.7 %     | ASH CONTENT                  | 1.92 g    |
| VITAMIN B2 RIBOFLAVIN        | 0.507 mg  |                              |           |

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2023/01/06 15:45:29

**p. 2 / 4**



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**Allergens: presence as ingredient or through cross contact on production line**

|                                       |   |                                       |   |
|---------------------------------------|---|---------------------------------------|---|
| MILK PRODUCTS (EXCL. LACTITOL)        | 1 | CHESTNUT (CASTANEA VARIETIES)*        | 0 |
| LACTOSE                               | 1 | MACADAMIA/BUSH/QUEENSLAND NUT*        | 0 |
| LACTITOL                              | 0 | PECAN NUT*                            | 0 |
| EGGS AND PRODUCTS THEREOF             | 0 | PINE/PINON/PIGNOLI NUTS (PINUS VAR.)* | 0 |
| SOY*                                  | 1 | PISTACHIO*                            | 0 |
| FISH (INCL. SQUID)                    | 0 | WALNUT*                               | 0 |
| CRUSTACEAE (INCL. SHRIMP/PRAWN, CRAB) | 0 | PILI NUT*                             | 0 |
| PEANUTS*                              | 0 | SHEANUT*                              | 0 |
| SESAME PRODUCTS (INCL. OIL/FAT)       | 0 | HEARTNUT*                             | 0 |
| MOLLUSCS (INCL. ABALONE)              | 0 | CHINQUAPIN*                           | 0 |
| WHEAT B. GLUC. SYRUP INC. DEX.        | 0 | LYCHEE NUT*                           | 0 |
| WHEAT IN. SPELT, EX. GL. SYRUP        | 0 | BEECH NUT*                            | 0 |
| HYBRIDIZED STRAINS OF CEREALS         | 0 | BUTTERNUT*                            | 0 |
| HAZELNUTS/FILBERTS (CORYLUS VAR.)*    | 0 | COCONUT*                              | 0 |
| ALMONDS*                              | 0 | HICKORY NUT*                          | 0 |
| BRAZIL NUT*                           | 0 | GINKGO NUT*                           | 0 |
| CASHEW NUT*                           | 0 |                                       |   |

Legend : 1 = present 0 = absent

\*: excluding fully refined oil/fat

**Other substances of interest**

|                               |   |                                |   |
|-------------------------------|---|--------------------------------|---|
| BEEF                          | 0 | CELERY PRODUCTS                | 0 |
| PORK                          | 0 | ALCOHOL                        | 0 |
| CHICKEN                       | 0 | ASPARTAME                      | 0 |
| SULPHITE                      | 0 | BUCKWHEAT                      | 0 |
| MUSTARD PRODUCTS              | 0 | OATS                           | 0 |
| LUPIN                         | 0 | GLUTEN                         | 0 |
| FRUCTOSE                      | 1 | RYE                            | 0 |
| CORN                          | 0 | BARLEY (EXCL. GLUCOSE SYRUP)   | 0 |
| FULLY REFINED PEANUT OIL/FAT  | 0 | BARLEY BASED GLUCOSE SYRUP     | 0 |
| FULLY REFINED SOYBEAN OIL/FAT | 1 | F. REF. NUT OIL/FAT,EX. PEANUT | 0 |
| VANILLIN                      | 1 |                                |   |

Legend : 1 = present 0 = absent

**Dietary suitability information**

|                          |   |                     |   |
|--------------------------|---|---------------------|---|
| SUITABLE FOR VEGETARIANS | 1 | SUITABLE FOR VEGANS | 0 |
|--------------------------|---|---------------------|---|

Legend : 1 = suitable 0 = not suitable

"Suitable for vegans" is based on ingredients list and does not take into account possible cross contact during production.

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2023/01/06 15:45:29

**p. 3 / 4**



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### Additional information

Calculations according to CODEX.

Typical Cocoa Content 33.2 %

### Storage conditions

Store the product in a clean, dry (relative humidity max.70 %) and odourless environment.

Storage Temperature : 12 - 20 °C / 54 - 68 °F

### Kosher certification

#### Kosher Dairy

Kosher certificate available on request. Kosher status is confirmed on packaging (only for solid products).

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Evie De Vis

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**C823NV-132/US/00000000**

2023/01/06 15:45:29

**p. 4 / 4**