



**CALLEBAUT**

ESTABLISHED 1911

**823-E4-U71**

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

SEPHRA EUROPE LTD  
 UNIT 2, BLOCK 9, MUIRHEAD PARK  
 MITCHELSTON INDUSTRIAL ESTATE  
 KIRKCALDY  
 FIFE  
 KY1 3PE  
 UNITED KINGDOM

### Product Specification

**Legal denomination :** Couverture milk chocolate  
**Certification** Certified HALAL  
**Article :** 823-E4-U71  
**Commodity code for EU :** 1806.2010

### Typical composition

sugar 42.0%; cocoa butter 24.0%; whole **milk** powder 22.5%; cocoa mass 11.0%; emulsifier: **soya** lecithin <1%; natural vanilla flavouring <1%

Growing Great Chocolate ingredients: Cocoa

### Delivery form

|     | <b>EAN</b>    | <b>Net weight</b> |
|-----|---------------|-------------------|
| UC  | 5410522513530 | 2.500 KG          |
| BOX | 5410522513523 | 20.000 KG         |

  

|  |           |
|--|-----------|
| Shape                                      | Callets   |
| Amount                                     | 2,5KG/UC  |
| Amount per box/bag/each                    | 8UC/BOX   |
| Amount per pallet                          | 30BOX/PAL |
| Order quantity 20 KG (or multiply of this) |           |

### Chemical limits

|                   |         |         | <b>Ref.Method</b> |
|-------------------|---------|---------|-------------------|
| MOISTURE          | max 1 % |         | IOCCC1(1952)      |
| TOTAL FAT CONTENT | 36.2 %  | +/- 1.5 | IOCCC14(1972)     |

### Physical limits

|   |                     | <b>Ref.Method</b> |
|---|---------------------|-------------------|
| LINEAR VISCOSITY  | 1,291 - 1,540 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           |

Article : 823-E4-U71  
 BARRY CALLEBAUT BELGIUM NV - Aalstersestraat 122  
 9280 LEBBEKE - WIEZE - BELGIUM  
 Tel. : 053 73 02 11 Fax.: 053 78 04 63

for customer 43562  
**823-E4-U71/EU/00000000**  
 25.05.2017 15:38:53  
**p. 1 / 4**

**CALLEBAUT**

FELIUM 1911

**823-E4-U71****Product specification according to the legislation of EU****Microbiological limits****Ref.Method**

|                    |            |            |
|--------------------|------------|------------|
| ENTEROBACTERIACEAE | max 10/g   | ISO21528-2 |
| COLIFORMS          | max 10/g   | ISO4832    |
| E.COLI             | absent/g   | ISO16649-2 |
| SALMONELLAE        | absent/25g | ISO6579    |

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.

**Shelf life**

18 Month (s) after production date

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

|                                |           |                            |           |
|--------------------------------|-----------|----------------------------|-----------|
| ENERGY VALUE                   | 563 kcal  | VITAMIN C L-ASCORBIC ACID  | 0.425 mg  |
| ENERGY VALUE RI                | 28.2 %    | VITAMIN C RI               | 0.5 %     |
| ENERGY VALUE                   | 2,357 kJ  | VITAMIN D CALCIFEROL       | 1.346 µg  |
| TOTAL FAT                      | 36.2 g    | VITAMIN D RI               | 26.9 %    |
| TOTAL FAT RI                   | 51.8 %    | VITAMIN D (IU)             | 54        |
| SATURATED FATTY ACID           | 21.8 g    | VITAMIN E ALPHA-TOCOPHEROL | 2.428 mg  |
| SATURATED FATTY ACID RI        | 109.1 %   | VITAMIN E RI               | 20.2 %    |
| MONO UNSATURATED FATTY ACID    | 11.5 g    | VITAMIN E (IU)             | 4         |
| POLY UNSATURATED FATTY ACID    | 1.1 g     | VITAMIN H BIOTIN           | 0.000 mg  |
| TRANS FATTY ACID (TFA) TOTAL   | 0.4 g     | VITAMIN H RI               | 0.0 %     |
| CHOLESTEROL                    | 21.7 mg   | VITAMIN M FOLIC ACID       | 10.559 µg |
| AVAILABLE CARBOHYDRATES        | 50.9 g    | VITAMIN M RI               | 5.3 %     |
| AVAILABLE CARBOHYDRATES RI     | 19.6 %    | VITAMIN K - PHYLLQUINONES  | 0.000 µg  |
| SUGARS (MONO+DISACCHARIDES)    | 49.9 g    | VITAMIN K RI               | 0.0 %     |
| SUGARS (MONO+DISACCHARIDES) RI | 55.5 %    | PHOSPHORUS                 | 210.4 mg  |
| POLYOLS                        | 0.0 g     | PHOSPHORUS RI              | 30.1 %    |
| STARCH                         | 0.6 g     | IRON                       | 3.43 mg   |
| DIETARY FIBRE                  | 2.0 g     | IRON RI                    | 24.5 %    |
| TOTAL PROTEIN                  | 7.0 g     | MAGNESIUM                  | 44.6 mg   |
| PROTEIN RI                     | 14.0 %    | MAGNESIUM RI               | 11.9 %    |
| MILK PROTEIN                   | 5.7 g     | ZINC                       | 1.10 mg   |
| SALT                           | 0.21 g    | ZINC RI                    | 11.0 %    |
| SALT RI                        | 3.4 %     | IODINE                     | 5.79 µg   |
| SODIUM                         | 82.1 mg   | IODINE RI                  | 3.9 %     |
| ORGANIC ACIDS                  | 0.54 g    | CALCIUM                    | 206.3 mg  |
| TOTAL ALKALOIDS                | 0.13 g    | CALCIUM RI                 | 25.8 %    |
| POLY HYDROXYPHENOLS            | 0.33 g    | CHLORIDE                   | 179.15 mg |
| ALCOHOL                        | 0.00 g    | CHLORIDE RI                | 22.4 %    |
| VITAMIN A RETINOL              | 13.405 µg | POTASSIUM                  | 411.7 mg  |

Article : 823-E4-U71

BARRY CALLEBAUT BELGIUM NV - Aalstersestraat 122

9280 LEBBEKE - WIEZE - BELGIUM

Tel. : 053 73 02 11 Fax.: 053 78 04 63

for customer 43562

**823-E4-U71/EU/00000000**

25.05.2017 15:38:53

**p. 2 / 4**



**CALLEBAUT**

ESTABLISHED 1911

**823-E4-U71**

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

|                              |          |               |          |
|------------------------------|----------|---------------|----------|
| VITAMIN A RI                 | 1.7 %    | POTASSIUM RI  | 20.6 %   |
| VITAMIN A (IU)               | 45       | COPPER        | 0.88 mg  |
| PROVITAMIN A BETA-CAROTENE   | 4.588 µg | COPPER RI     | 87.7 %   |
| VITAMIN B1 THIAMIN           | 0.089 mg | MANGANESE     | 0.02 mg  |
| VITAMIN B1 RI                | 8.1 %    | MANGANESE RI  | 1.0 %    |
| VITAMIN B2 RIBOFLAVIN        | 0.492 mg | FLUORIDE      | 0.05 mg  |
| VITAMIN B2 RI                | 35.1 %   | FLUORIDE RI   | 1.5 %    |
| VITAMIN B3/PP NIACIN/NICOTIN | 0.165 mg | SELENIUM      | 4.14 µg  |
| VITAMIN B3 RI                | 1.0 %    | SELENIUM RI   | 7.5 %    |
| VITAMIN B5 PANTOIC ACID      | 0.848 mg | CHROMIUM      | 21.27 µg |
| VITAMIN B5 RI                | 14.1 %   | CHROMIUM RI   | 53.2 %   |
| VITAMIN B6 PYRIDOXIN         | 0.078 mg | MOLYBDENUM    | 27.27 µg |
| VITAMIN B6 RI                | 5.6 %    | MOLYBDENUM RI | 54.5 %   |
| VITAMIN B12 CYANO-COBALAMINE | 0.470 µg | ASH CONTENT   | 1.86 g   |
| VITAMIN B12 RI               | 18.8 %   | ISOMALTULOSE  | 0.00 g   |

RI = Reference Intake

#### Additional allergens info

|                           |   |                              |   |
|---------------------------|---|------------------------------|---|
| MILK PROTEINS             | 1 | AZO-COLOURS **               | 0 |
| LACTOSE                   | 1 | TARTRAZIN (E102)             | 0 |
| EGG PRODUCTS              | 0 | CINNAMON                     | 0 |
| SOY PROTEINS              | 1 | VANILLIN                     | 1 |
| SOY OIL                   | 1 | CORIANDER                    | 0 |
| LUPIN                     | 0 | CELERY                       | 0 |
| GLUTEN                    | 0 | UMBELLIFERAE                 | 0 |
| WHEAT                     | 0 | ORANGEYELLOW S (E110)        | 0 |
| RYE                       | 0 | AZORUBIN (E122)              | 0 |
| BUCKWHEAT                 | 0 | AMARANT (E123)               | 0 |
| BEEF                      | 0 | COCHINEAL RED A (E124)       | 0 |
| PORK                      | 0 | ALLURA RED AC (E129)         | 0 |
| CHICKEN                   | 0 | PATENT BLUE (E131)           | 0 |
| FISH                      | 0 | INDIGOTINE (E132)            | 0 |
| CRUSTACEAN AND SHELL-FISH | 0 | ANNATO-LYCOPENE (E160B - D)  | 0 |
| MOLLUSCS                  | 0 | TRAGACANTH (E413)            | 0 |
| MAIZE                     | 0 | GUM ARABIC                   | 0 |
| COCOA                     | 1 | SORBIC ACID (E200->E203)     | 0 |
| YEAST                     | 0 | HYDROLYSED VEGETABLE PROTEIN | 0 |
| LEGUMINOUS PLANTS         | 0 | ALCOHOL                      | 0 |
| HAZELNUTS, ALMONDS        | 0 | ASPARTAME                    | 0 |
| HAZELNUT OIL, ALMOND OIL  | 0 | ANIMAL PRODUCTS              | 0 |
| OTHER NUTS *              | 0 | HONEY                        | 0 |

Article : 823-E4-U71

BARRY CALLEBAUT BELGIUM NV - Aalstersestraat 122

9280 LEBBEKE - WIEZE - BELGIUM

Tel. : 053 73 02 11 Fax.: 053 78 04 63

for customer 43562

**823-E4-U71/EU/00000000**

25.05.2017 15:38:53

**p. 3 / 4**



**CALLEBAUT**

BEELGIUM 1911

**823-E4-U71**

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

**Additional allergens info**

|                              |   |                          |   |
|------------------------------|---|--------------------------|---|
| PEANUTS                      | 0 | ADDED SALT               | 0 |
| PEANUT OIL                   | 0 | GARLIC                   | 0 |
| SESAME PRODUCTS              | 0 | CAFFEIN                  | 1 |
| SESAME OIL                   | 0 | BHA/BHT (E320/E321)      | 0 |
| MUSTARD                      | 0 | SACCHAROSE               | 1 |
| GLUTAMINATE ( E620 -> E625 ) | 0 | FRUCTOSE                 | 1 |
| SULPHITE (E220 -> E227)      | 0 | SUITABLE FOR VEGETARIANS | 1 |
| BENZOIC ACID (E210->E213)    | 0 | SUITABLE FOR VEGANS      | 0 |
| PARABENE (E214->E219)        | 0 |                          |   |

Legend : 1 = present / suitable 0 = absent / not suitable

Azo-colours\*\* : E102,E110,E122,E123,E124,E129,E151,E154 and E155

Other nuts \* : walnuts, pecan nuts, cashew nuts, pistachio nuts, Brazil nuts, macadamia nuts, chestnuts.

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

**Legal data (calculated according to EU Directive 2000/36/EC)**

|                          |        |        |
|--------------------------|--------|--------|
| Dry cocoa solids         | 35.1 % | +/-1,5 |
| Dry fatfree cocoa solids | 4.9 %  | +/-0,5 |
| Dry milk solids          | 21.8 % | +/- 1  |
| Milkfat                  | 6.0 %  | +/-0,5 |

**Storage conditions**

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

Storage Temperature : 12 - 20 °C

**Kosher certification**

**Kosher Dairy**

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

Printed on 25.05.2017 for customer SEPHRA EUROPE LTD

Yoko Vervliet

Article : 823-E4-U71

BARRY CALLEBAUT BELGIUM NV - Aalstersestraat 122

9280 LEBBEKE - WIEZE - BELGIUM

Tel. : 053 73 02 11 Fax.: 053 78 04 63

for customer 43562

**823-E4-U71/EU/00000000**

25.05.2017 15:38:53

**p. 4 / 4**