



**CALLEBAUT**

BEELGIUM 1911

**NIBS-S502-X47**

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

**Product Specification**

Legal denomination : Cocoa nibs  
 Commercial name : NIBS S  
 Article : NIBS-S502-X47  
 Commodity code for EU : 1801.0000

**Typical composition**

cocoa nibs 100.0%

**Possible allergen cross contact during processing**

May contain : Milk

**Delivery form**

|     | EAN           | Net weight | Gross weight |
|-----|---------------|------------|--------------|
| UC  | 5410522250442 | 0.800 KG   |              |
| BOX | 5410522250459 | 3.200 KG   | 3.833 KG     |

Amount 0,8KG/UC  
 Amount per box/bag/each 4UC/BOX  
 Amount per pallet 120BOX/PAL  
 Order quantity 1 BOX ( 3.2 KG ) (or multiply of this)

**Product characteristics**

impurities/foreign bodies: < 0,01%  
 SIEVE FRACTION 2.8 - 3.7 mm

**Chemical limits**

|                                |               | Ref.Method       |
|--------------------------------|---------------|------------------|
| MOISTURE                       | max 5 %       | IOCCC1(1952)     |
| TOT. FAT CONTENT ON DRY MATTER | 52.5 - 56.5 % | IOCCC14(1972)    |
| pH                             | 5.0 - 6.0 -   | IOCCC15(1972)    |
| SHELLS ON ALKALI FREE NIBS     | max 5.00 %    | winnower control |
| ASHES (FAT FREE DRY MATTER)    | max 10.00 %   | IOCCC16(1973)    |

**Physical limits**

Not specified.

**Microbiological limits**

|                        |             | Ref.Method |
|------------------------|-------------|------------|
| 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                 | absent/g    | ISO16649-2 |

Article : NIBS-S502-X47  
 BARRY CALLEBAUT BELGIUM NV - Aalstersestraat 122  
 9280 LEBBEKE - WIEZE - BELGIUM  
 Tel. : 053 73 02 11 Fax.: 053 78 04 63

for customer

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**NIBS-S502-X47****Product specification according to the legislation of EU****Microbiological limits****Ref.Method**

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**

24 Month (s) after production date

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

|                                |           |                              |            |
|--------------------------------|-----------|------------------------------|------------|
| ENERGY VALUE                   | 601 kcal  | VITAMIN B12 CYANO-COBALAMINE | 0.000 µg   |
| ENERGY VALUE RI                | 30.0 %    | VITAMIN B12 RI               | 0.0 %      |
| ENERGY VALUE                   | 2,514 kJ  | VITAMIN C L-ASCORBIC ACID    | 0.000 mg   |
| TOTAL FAT                      | 54.5 g    | VITAMIN C RI                 | 0.0 %      |
| TOTAL FAT RI                   | 77.9 %    | VITAMIN D CALCIFEROL         | 2.400 µg   |
| SATURATED FATTY ACID           | 32.8 g    | VITAMIN D RI                 | 48.0 %     |
| SATURATED FATTY ACID RI        | 163.8 %   | VITAMIN D (IU)               | 96         |
| MONO UNSATURATED FATTY ACID    | 17.7 g    | VITAMIN E ALPHA-TOCOPHEROL   | 4.300 mg   |
| POLY UNSATURATED FATTY ACID    | 1.6 g     | VITAMIN E RI                 | 35.8 %     |
| TRANS FATTY ACID (TFA) TOTAL   | 0.0 g     | VITAMIN E (IU)               | 6          |
| CHOLESTEROL                    | 0.0 mg    | VITAMIN H BIOTIN             | 0.000 mg   |
| AVAILABLE CARBOHYDRATES        | 5.5 g     | VITAMIN H RI                 | 0.0 %      |
| AVAILABLE CARBOHYDRATES RI     | 2.1 %     | VITAMIN M FOLIC ACID         | 21.500 µg  |
| SUGARS (MONO+DISACCHARIDES)    | 0.3 g     | VITAMIN M RI                 | 10.8 %     |
| SUGARS (MONO+DISACCHARIDES) RI | 0.3 %     | VITAMIN K - PHYLLOQUINONES   | 0.000 µg   |
| POLYOLS                        | 0.0 g     | VITAMIN K RI                 | 0.0 %      |
| STARCH                         | 5.2 g     | PHOSPHORUS                   | 375.7 mg   |
| DIETARY FIBRE                  | 18.5 g    | PHOSPHORUS RI                | 53.7 %     |
| TOTAL PROTEIN                  | 11.7 g    | IRON                         | 29.00 mg   |
| PROTEIN RI                     | 23.4 %    | IRON RI                      | 207.1 %    |
| MILK PROTEIN                   | 0.0 g     | MAGNESIUM                    | 237.1 mg   |
| SALT                           | 0.02 g    | MAGNESIUM RI                 | 63.2 %     |
| SALT RI                        | 0.4 %     | ZINC                         | 3.30 mg    |
| SODIUM                         | 9.8 mg    | ZINC RI                      | 33.0 %     |
| ORGANIC ACIDS                  | 1.50 g    | IODINE                       | 0.00 µg    |
| TOTAL ALKALOIDS                | 1.19 g    | IODINE RI                    | 0.0 %      |
| POLY HYDROXYPHENOLS            | 2.90 g    | CALCIUM                      | 65.3 mg    |
| CAFFEINE                       | 0.12 g    | CALCIUM RI                   | 8.2 %      |
| THEOBROMINE                    | 1.07 g    | CHLORIDE                     | 18.30 mg   |
| ALCOHOL                        | 0.00 g    | CHLORIDE RI                  | 2.3 %      |
| VITAMIN A RETINOL              | 21.500 µg | POTASSIUM                    | 1,099.3 mg |
| VITAMIN A RI                   | 2.7 %     | POTASSIUM RI                 | 55.0 %     |

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|                              |          |               |           |
|------------------------------|----------|---------------|-----------|
| VITAMIN A (IU)               | 72       | MANGANESE     | 0.00 mg   |
| PROVITAMIN A BETA-CAROTENE   | 0.000 µg | MANGANESE RI  | 0.0 %     |
| VITAMIN B1 THIAMIN           | 0.200 mg | FLUORIDE      | 0.24 mg   |
| VITAMIN B1 RI                | 18.2 %   | FLUORIDE RI   | 6.9 %     |
| VITAMIN B2 RIBOFLAVIN        | 0.200 mg | SELENIUM      | 9.20 µg   |
| VITAMIN B2 RI                | 14.3 %   | SELENIUM RI   | 16.7 %    |
| VITAMIN B3/PP NIACIN/NICOTIN | 1.500 mg | CHROMIUM      | 120.00 µg |
| VITAMIN B3 RI                | 9.4 %    | CHROMIUM RI   | 300.0 %   |
| VITAMIN B5 PANTOIC ACID      | 0.800 mg | MOLYBDENUM    | 146.00 µg |
| VITAMIN B5 RI                | 13.3 %   | MOLYBDENUM RI | 292.0 %   |
| VITAMIN B6 PYRIDOXIN         | 0.100 mg | ASH CONTENT   | 2.71 g    |
| VITAMIN B6 RI                | 7.1 %    |               |           |

RI = Reference Intake

**Additional allergens and other information**

|                                       |   |                                    |   |
|---------------------------------------|---|------------------------------------|---|
| MILK PRODUCTS (EXCL. LACTITOL)        | 1 | HAZELNUTS, ALMONDS                 | 0 |
| LACTOSE                               | 1 | HAZELNUT OIL, ALMOND OIL           | 0 |
| EGGS AND PRODUCTS THEREOF             | 0 | OTHER NUTS *                       | 0 |
| SOY**                                 | 0 | PEANUTS **                         | 0 |
| FULLY REFINED SOYBEAN OIL/FAT         | 0 | FULLY REFINED PEANUT OIL/FAT       | 0 |
| LUPIN                                 | 0 | SESAME PRODUCTS (INCL. OIL/FAT)    | 0 |
| GLUTEN                                | 0 | SESAME OIL                         | 0 |
| WHEAT                                 | 0 | MUSTARD PRODUCTS                   | 0 |
| RYE                                   | 0 | SULPHUR DIOXIDE/ SULPHITES IN CONC | 0 |
| BUCKWHEAT                             | 0 | VANILLIN                           | 0 |
| BEEF                                  | 0 | CELERY PRODUCTS                    | 0 |
| PORK                                  | 0 | ALCOHOL                            | 0 |
| CHICKEN                               | 0 | ASPARTAME                          | 0 |
| FISH (INCL. SQUID)                    | 0 | FRUCTOSE                           | 1 |
| CRUSTACEAE (INCL. SHRIMP/PRAWN, CRAB) | 0 | SUITABLE FOR VEGETARIANS           | 1 |
| MOLLUSCS (INCL. ABALONE)              | 0 | SUITABLE FOR VEGANS                | 1 |
| MAIZE                                 | 0 |                                    |   |

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

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

\*\* : excl. fully refined oil/fat

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

**Storage conditions**

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

Storage Temperature : 12 - 20 °C

**Kosher certification**

**Kosher** : None

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Katrien Drieskens

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