

**CALLEBAUT**

FONDÉ EN 1911

NIBS-S502-X47**Product specification according to the legislation of EU****Product Specification**

Legal denomination :	Cocoa nibs (EU)	
Commercial name :	NIBS S	
Article :	NIBS-S502-X47	
Commodity code for EU :	1801.0000	
EAN/UPC :		
0,25 BOX	UC	5410522250442
1,00 BOX	BOX	5410522250459

Typical composition (Unsuitable data for refund purposes)

cocoa nibs 100,0%

Possible allergen cross contact during processing

May contain : Milk, Nuts

Delivery form

0,8KG/UC 4UC/BOX 120BOX/PAL

Order quantity 1 BOX (3,2 KG) (or multiply of this)

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 (F.F.D.M)	max 10,0 %	IOCCC16(1973)

Physical limits

Not specified.

Ref.Method**Microbiological limits**

		Ref.Method
AEROBIC MESOPHILIC COUNT	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
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.

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26.11.2014 12:00:17

p. 1 / 4



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Typical dimensions

impurities/foreign bodies: < 0,01%

Shelf life

24 Month (s) after production date

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

ENERGY VALUE	601 kcal	VITAMIN B12 RI	0,0 %
ENERGY VALUE RI	30,0 %	VITAMIN C L-ASCORBIC ACID	0,0000 mg
ENERGY VALUE	2.514 kJ	VITAMIN C RI	0,0 %
TOTAL FAT	54,5 g	VITAMIN D CALCIFEROL	2,4 µg
TOTAL FAT RI	78,0 %	VITAMIN D RI	48,0 %
SATURATED FAT	32,8 g	VITAMIN D (IU)	96
SATURATED FAT RI	164,0 %	VITAMIN E ALPHA-TOCOPHEROL	4,3 mg
MONO UNSATURATED FAT	17,7 g	VITAMIN E RI	35,8 %
POLY UNSATURATED FAT	1,6 g	VITAMIN E (IU)	6
TRANS FATTY ACID (TFA) TOTAL	0,0 g	VITAMIN H BIOTIN	0,0000 mg
CHOLESTEROL	0,0 mg	VITAMIN H RI	0,0 %
AVAILABLE CARBOHYDRATES	5,5 g	VITAMIN M FOLIC ACID	21,5 µg
AVAILABLE CARBOHYDRATES RI	2,0 %	VITAMIN M RI	10,8 %
SUGARS (MONO+DISACCHARIDES)	0,3 g	VITAMIN K - PHYLLQUINONES	0,0000 µg
SUGARS (MONO+DISACCHARIDES) RI	0,3 %	VITAMIN K RI	0,0 %
POLYOLS	0,0 g	PHOSPHORUS	375,7 mg
STARCH	5,2 g	PHOSPHORUS RI	53,7 %
DIETARY FIBRE	18,5 g	IRON	29,0 mg
TOTAL PROTEIN	11,7 g	IRON RI	207,1 %
PROTEIN RI	23,0 %	MAGNESIUM	237,1 mg
MILK PROTEIN	0,0 g	MAGNESIUM RI	63,2 %
SALT	0,02 g	ZINC	3,3 mg
SALT RI	0,4 %	ZINC RI	33,0 %
SODIUM	0,01 g	IODINE	0,0000 µg
ORGANIC ACIDS	1,50 g	IODINE RI	0,0 %
TOTAL ALKALOIDS	1,2 g	CALCIUM	65,3 mg
POLY HYDROXYPHENOLS	2,9 g	CALCIUM RI	8,2 %
CAFFEINE	0,1 g	CHLORIDE	18,3 mg
THEOBROMINE	1,1 g	CHLORIDE RI	2,3 %
ALCOHOL	0,0 g	POTASSIUM	1.099,3 mg
VITAMIN A RETINOL	21,5 µg	POTASSIUM RI	55,0 %
VITAMIN A RI	2,7 %	COPPER	7,6 mg
VITAMIN A (IU)	72	COPPER RI	762,0 %
PROVITAMIN A BETA-CAROTENE	0,0000 µg	MANGANESE	0,0000 mg
VITAMIN B1 THIAMIN	0,20 mg	MANGANESE RI	0,0 %

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p. 2 / 4



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VITAMIN B1 RI	18,2 %	FLUORIDE	0,24 mg
VITAMIN B2 RIBOFLAVIN	0,20 mg	FLUORIDE RI	6,9 %
VITAMIN B2 RI	14,3 %	SELENIUM	9,2 µg
VITAMIN B3/PP NIACIN/NICOTIN	1,5 mg	SELENIUM RI	16,7 %
VITAMIN B3 RI	9,4 %	CHROMIUM	120,0 µg
VITAMIN B5 PANTOIC ACID	0,80 mg	CHROMIUM RI	300,0 %
VITAMIN B5 RI	13,3 %	MOLYBDENUM	146,0 µg
VITAMIN B6 PYRIDOXIN	0,10 mg	MOLYBDENUM RI	292,0 %
VITAMIN B6 RI	7,1 %	ASH CONTENT	2,7 g
VITAMIN B12 CYANO-COBALAMINE	0,0000 µg	ISOMALTULOSE	0 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	0	VANILLIN	0
SOY OIL	0	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	1	ASPARTAME	0
HAZELNUT OIL, ALMOND OIL	1	ANIMAL PRODUCTS	0
OTHER NUTS *	0	HONEY	0
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

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p. 3 / 4



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GLUTAMINATE (E620 -> E625)	0	FRUCTOSE	1
SULPHITE (E220 -> E227)	0	SUITABLE FOR VEGETARIANS	1
BENZOIC ACID (E210->E213)	0	SUITABLE FOR VEGANS	1
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.

Storage conditions

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

Storage Temperature : 12 - 20 °C

Kosher certification

None

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Yoko Vervliet

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p. 4 / 4