



CALLEBAUT

ESTABLISHED 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	0,250BOX	
BOX	5410522250459	1,000BOX	3,833 BOX

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

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SALMONELLAE	absent/25g	ISO6579
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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 RI	0,0 %
ENERGY VALUE RI	30,0 %	VITAMIN C L-ASCORBIC ACID	0,000 mg
ENERGY VALUE	2.514 kJ	VITAMIN C RI	0,0 %
TOTAL FAT	54,5 g	VITAMIN D CALCIFEROL	2,400 µg
TOTAL FAT RI	77,9 %	VITAMIN D RI	48,0 %
SATURATED FATTY ACID	32,8 g	VITAMIN D (IU)	96
SATURATED FATTY ACID RI	163,8 %	VITAMIN E ALPHA-TOCOPHEROL	4,300 mg
MONO UNSATURATED FATTY ACID	17,7 g	VITAMIN E RI	35,8 %
POLY UNSATURATED FATTY ACID	1,6 g	VITAMIN E (IU)	6
TRANS FATTY ACID (TFA) TOTAL	0,0 g	VITAMIN H BIOTIN	0,000 mg
CHOLESTEROL	0,0 mg	VITAMIN H RI	0,0 %
AVAILABLE CARBOHYDRATES	5,5 g	VITAMIN M FOLIC ACID	21,500 µg
AVAILABLE CARBOHYDRATES RI	2,1 %	VITAMIN M RI	10,8 %
SUGARS (MONO+DISACCHARIDES)	0,3 g	VITAMIN K - PHYLLIQUINONES	0,000 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	29,00 mg
TOTAL PROTEIN	11,7 g	IRON RI	207,1 %
PROTEIN RI	23,4 %	MAGNESIUM	237,1 mg
MILK PROTEIN	0,0 g	MAGNESIUM RI	63,2 %
SALT	0,02 g	ZINC	3,30 mg
SALT RI	0,4 %	ZINC RI	33,0 %
SODIUM	9,8 mg	IODINE	0,00 µg
ORGANIC ACIDS	1,50 g	IODINE RI	0,0 %
TOTAL ALKALOIDS	1,19 g	CALCIUM	65,3 mg
POLY HYDROXYPHENOLS	2,90 g	CALCIUM RI	8,2 %
CAFFEINE	0,12 g	CHLORIDE	18,30 mg
THEOBROMINE	1,07 g	CHLORIDE RI	2,3 %
ALCOHOL	0,00 g	POTASSIUM	1.099,3 mg
VITAMIN A RETINOL	21,500 µg	POTASSIUM RI	55,0 %
VITAMIN A RI	2,7 %	COPPER	7,62 mg

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VITAMIN A (IU)	72	COPPER RI	762,0 %
PROVITAMIN A BETA-CAROTENE	0,000 µg	MANGANESE	0,00 mg
VITAMIN B1 THIAMIN	0,200 mg	MANGANESE RI	0,0 %
VITAMIN B1 RI	18,2 %	FLUORIDE	0,24 mg
VITAMIN B2 RIBOFLAVIN	0,200 mg	FLUORIDE RI	6,9 %
VITAMIN B2 RI	14,3 %	SELENIUM	9,20 µg
VITAMIN B3/PP NIACIN/NICOTIN	1,500 mg	SELENIUM RI	16,7 %
VITAMIN B3 RI	9,4 %	CHROMIUM	120,00 µg
VITAMIN B5 PANTOIC ACID	0,800 mg	CHROMIUM RI	300,0 %
VITAMIN B5 RI	13,3 %	MOLYBDENUM	146,00 µg
VITAMIN B6 PYRIDOXIN	0,100 mg	MOLYBDENUM RI	292,0 %
VITAMIN B6 RI	7,1 %	ASH CONTENT	2,71 g
VITAMIN B12 CYANO-COBALAMINE	0,000 µg	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	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	0	ASPARTAME	0
HAZELNUT OIL, ALMOND OIL	0	ANIMAL PRODUCTS	0
OTHER NUTS *	0	HONEY	0
PEANUTS	0	ADDED SALT	0
PEANUT OIL	0	GARLIC	0

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Additional allergens info

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	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

Kosher : None

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Yoko Vervliet

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