

NIBS-S-473

Product specification according to the legislation of USA

BARRY CALLEBAUT USA LLC
1500 SUCKLE HIGHWAY
PENNSAUKEN NJ NJ 08110
UNITED STATES

Product Specification

Legal denomination : Cacao nibs
Certification Certified HALAL
Item : NIBS-S-473

Typical composition

cocoa nibs

Delivery form

	EAN	Net weight
BOX	5410522173147	20.000 KG
Amount per box/bag/each		20KG/BOX
Amount per pallet		32BOX/PAL

Product characteristics

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

Chemical limits

		Ref.Method
MOISTURE	max 3 %	IOCCC1(1952)
TOT. FAT CONTENT ON DRY MATTER	52.5 - 56.5 %	IOCCC14(1972)
pH	max 6.0 -	IOCCC15(1972)
SHELLS ON ALKALI FREE NIBS	max 1.75 %	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
SALMONELLAE	absent/25g	ISO6579

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for customer 13656
NIBS-S-473/US/00000000
2020/11/24 16:25:01
p. 1 / 4

NIBS-S-473

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Microbiological limits

Ref.Method

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.

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

ENERGY VALUE	517 kcal	VITAMIN B3/PP NIACIN/NICOTIN	1.500 mg
ENERGY VALUE	2,163 kJ	VITAMIN B3 (DV)	9.4 %
CALORIES FROM FAT	456 kcal	VITAMIN B5 PANTOIC ACID	0.800 mg
TOTAL PROTEIN	11.7 g	VITAMIN B5 (DV)	16.0 %
PROTEIN (DV)	23.4 %	VITAMIN B6 PYRIDOXIN	0.100 mg
MILK PROTEIN	0.0 g	VITAMIN B6 (DV)	5.9 %
TOTAL CARBOHYDRATES	29.6 g	VITAMIN B12 CYANO-COBALAMINE	0.000 µg
TOTAL CARBOHYDRATES (DV)	10.8 %	VITAMIN B12 (DV)	0.0 %
SUGARS (MONO+DISACCHARIDES)	0.3 g	VITAMIN D CALCIFEROL	2.400 µg
ADDED SUGARS	0.0 g	VITAMIN D (DV)	12.0 %
ADDED SUGARS (DV)	0.0 %	VITAMIN D (IU)	96
POLYOLS	0.0 g	VITAMIN E ALPHA-TOCOPHEROL	4.300 mg
POLYDEXTROSE	0.00 g	VITAMIN E (DV)	28.7 %
STARCH	5.2 g	VITAMIN E (IU)	6
TOTAL FAT	54.5 g	VITAMIN H BIOTIN	0.000 mg
TOTAL FAT (DV)	69.9 %	VITAMIN H (DV)	0.0 %
SATURATED FATTY ACID	32.8 g	VITAMIN M FOLIC ACID	21.500 µg
SATURATED FATTY ACID (DV)	163.8 %	VITAMIN M (DV)	5.4 %
MONO UNSATURATED FATTY ACID	17.7 g	SODIUM	9.8 mg
POLY UNSATURATED FATTY ACID	1.6 g	SODIUM (DV)	0.4 %
TRANS FATTY ACID (TFA) TOTAL	0.0 g	VITAMIN C L-ASCORBIC ACID	0.000 mg
CHOLESTEROL	0.0 mg	VITAMIN C (DV)	0.0 %
CHOLESTEROL (DV)	0.0 %	PHOSPHORUS	375.7 mg
ORGANIC ACIDS	1.50 g	PHOSPHORUS (DV)	30.1 %
DIETARY FIBRE	18.5 g	CALCIUM	65.3 mg
DIETARY FIBRE (DV)	66.1 %	CALCIUM (DV)	5.0 %
TOTAL ALKALOIDS	1.19 g	IRON	29.00 mg
CAFFEINE	0.12 g	IRON (DV)	161.1 %
THEOBROMINE	1.07 g	MAGNESIUM	237.1 mg
ALCOHOL	0.00 g	MAGNESIUM (DV)	56.5 %
POLY HYDROXYPHENOLS	2.90 g	ZINC	3.30 mg
VITAMIN A RETINOL	21.500 µg	ZINC (DV)	30.0 %
VITAMIN A (DV)	2.4 %	IODINE	0.00 µg

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2020/11/24 16:25:01

p. 2 / 4

NIBS-S-473

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VITAMIN A (IU)	72	IODINE (DV)	0.0 %
PROVITAMIN A BETA-CAROTENE	0.000 µg	CHLORIDE	18.30 mg
VITAMIN B1 THIAMIN	0.200 mg	POTASSIUM	1,099.3 mg
VITAMIN B1 (DV)	16.7 %	POTASSIUM (DV)	23.4 %
VITAMIN B2 RIBOFLAVIN	0.200 mg	ASH CONTENT	2.71 g
VITAMIN B2 (DV)	15.4 %		

Additional allergen information: presence as ingredient or through cross contact on production line

MILK PRODUCTS (EXCL. LACTITOL)	0	HAZELNUTS, ALMONDS	0
LACTOSE	0	OTHER NUTS *	0
EGGS AND PRODUCTS THEREOF	0	HAZELNUT OIL, ALMOND OIL	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	SULPHITE	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
CORN	0		

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

Other nuts * : walnuts, pecan nuts, cashew nuts, pistachio nuts, Brazil nuts, macadamia nuts, chestnuts, pine nuts, hickory nuts and coconuts.

** : excl. fully refined oil/fat

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 Pareve Passover

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

Optional certifications and programs

Cocoa Horizons Foundation

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

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NIBS-S-473/US/00000000

2020/11/24 16:25:01

p. 3 / 4

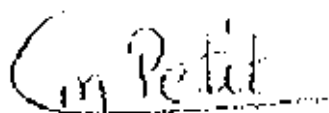
NIBS-S-473

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Fair Trade	Any reference to Fairtrade (FT) requires a valid Fairtrade certificate. Traded to Fairtrade Standards. Fairtrade ingredients: cocoa, sugar and vanilla (if applicable)
Fair Trade Sourced Ingr Cocoa	Any reference to Fairtrade / FSI requires a valid Fairtrade certificate. FSI cocoa Fairtrade ingredients: cocoa
Rainforest Alliance MB	Rainforest Alliance™ - Cocoa MB Rainforest Alliance™ MB ingredients: Cocoa
UTZ cocoa mass balance	UTZ ingredients: Cocoa

Please refer to your contract for the option(s) chosen.

Printed on 2020/11/24 for customer BARRY CALLEBAUT USA LLC



Claire-Marie Petit

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p. 4 / 4