



## CACAO BARRY SEMI-SWEET VERMICELLI

### Product specification according to the legislation of USA

#### Product Specification

<b>Legal denomination :</b>	Semi-sweet chocolate
<b>Commercial name :</b>	Fins Vermicelles
<b>Title:</b>	Cacao Barry Semi-Sweet Vermicelli

#### Typical composition

sugar; unsweetened chocolate; cocoa butter; whole milk powder; milkfat; natural vanilla flavor

#### Chemical limits

#### Ref.Method

MOISTURE	max 1 %	IOCCC1(1952)
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#### Physical limits

#### Ref.Method

Particle size : min 20 % of the dry fatfree substance is > 30 microns.		IOCCC116(1990)
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#### 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

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



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### Microbiological limits

### Ref.Method

(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	461 kcal	VITAMIN B3 (DV)	2.9 %
ENERGY VALUE	1,928 kJ	VITAMIN B5 PANTOIC ACID	0.367 mg
CALORIES FROM FAT	220 kcal	VITAMIN B5 (DV)	3.7 %
TOTAL PROTEIN	5.0 g	VITAMIN B6 PYRIDOXIN	0.044 mg
PROTEIN (DV)	10.0 %	VITAMIN B6 (DV)	2.2 %
MILK PROTEIN	0.5 g	VITAMIN B12 CYANO-COBALAMINE	0.037 µg
TOTAL CARBOHYDRATES	67.1 g	VITAMIN B12 (DV)	0.6 %
TOTAL CARBOHYDRATES (DV)	22.4 %	VITAMIN D CALCIFEROL	1.062 µg
SUGARS (MONO+DISACCHARIDES)	55.6 g	VITAMIN D (DV)	10.6 %
ADDED SUGARS	55.0 g	VITAMIN D (IU)	42
ADDED SUGARS (DV)	110.0 %	VITAMIN E ALPHA-TOCOPHEROL	1.962 mg
POLYOLS	0.0 g	VITAMIN E (DV)	6.5 %
POLYDEXTROSE	0.00 g	VITAMIN E (IU)	3
STARCH	2.0 g	VITAMIN H BIOTIN	0.000 mg
TOTAL FAT	26.0 g	VITAMIN H (DV)	0.0 %
TOTAL FAT (DV)	40.0 %	VITAMIN M FOLIC ACID	9.220 µg
SATURATED FATTY ACID	15.7 g	VITAMIN M (DV)	2.3 %
SATURATED FATTY ACID (DV)	78.3 %	SODIUM	10.4 mg
MONO UNSATURATED FATTY ACID	8.4 g	SODIUM (DV)	0.4 %
POLY UNSATURATED FATTY ACID	0.8 g	VITAMIN C L-ASCORBIC ACID	0.034 mg
TRANS FATTY ACID (TFA) TOTAL	0.2 g	VITAMIN C (DV)	0.1 %
CHOLESTEROL	7.9 mg	PHOSPHORUS	157.8 mg
CHOLESTEROL (DV)	2.6 %	PHOSPHORUS (DV)	19.7 %
ORGANIC ACIDS	0.64 g	CALCIUM	41.2 mg
DIETARY FIBRE	7.2 g	CALCIUM (DV)	4.1 %
DIETARY FIBRE (DV)	28.7 %	IRON	11.30 mg
TOTAL ALKALOIDS	0.46 g	IRON (DV)	62.8 %
ALCOHOL	0.00 g	MAGNESIUM	92.6 mg
POLY HYDROXYPHENOLS	1.15 g	MAGNESIUM (DV)	23.1 %
VITAMIN A RETINOL	23.910 µg	ZINC	1.32 mg
VITAMIN A (DV)	1.6 %	ZINC (DV)	8.8 %
VITAMIN A (IU)	80	IODINE	0.46 µg
PROVITAMIN A BETA-CAROTENE	3.725 µg	IODINE (DV)	0.3 %
VITAMIN B1 THIAMIN	0.082 mg	CHLORIDE	21.90 mg
VITAMIN B1 (DV)	5.5 %	POTASSIUM	446.1 mg



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VITAMIN B2 RIBOFLAVIN	0.114 mg	POTASSIUM (DV)	12.7 %
VITAMIN B2 (DV)	6.7 %	ASH CONTENT	1.22 g
VITAMIN B3/PP NIACIN/NICOTIN	0.576 mg		

### Additional allergens and other information

MILK PRODUCTS (EXCL. LACTITOL)	1	HAZELNUTS, ALMONDS	0
LACTOSE	1	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	1
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	0
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

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

### Additional information

Calculations according to CODEX.

Typical Cocoa Content 42.4 %

### 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 Dairy

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