



**CALLEBAUT**

ESTABLISHED 1911

**CHF-N3438CARE4-U70**

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

HB INGREDIENTS  
COCOA HOUSE  
15 CLIFFE INDUSTRIAL ESTATE  
LEWES - EAST SUSSEX  
SUSSEX  
SUSSEX  
BN8 6JL  
UNITED KINGDOM

### Product Specification

**Legal denomination :** Couverture milk chocolate with caramel  
**Commercial name :** Caramel  
**Article :** CHF-N3438CARE4-U70  
**Commodity code for EU :** 1806.2010

### Typical composition

sugar 36.5%; cocoa butter 27.0%; whole **milk** powder 24.5%; cocoa mass 5.5%; skimmed **milk** powder 3.0%; caramelised sugar 1.5%; caramelized glucose syrup <1%; emulsifier: sunflower lecithin <1%; natural flavouring <1%

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

Products with a production date as of 04.01.2022 have a slightly different recipe.

### Delivery form

	<b>EAN</b>	<b>Net weight</b>
UC	5410522514438	2.500 KG
BOX	5410522514421	10.000 KG
Shape		Callets
Amount		2,5KG/UC
Amount per box/bag/each		4UC/BOX
Amount per pallet		42BOX/PAL
Order quantity 10 KG (or multiply of this)		

### Chemical limits

			<b>Ref.Method</b>
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	37.4 %	+/- 1.5	IOCCC14(1972)

### Physical limits

		<b>Ref.Method</b>
CASSON VISCOSITY	700 - 950 mPa.s	IOCCC46(2000) & 10(1973)
Particle size : 4-8 % of the dry fatfree substance is > 30 microns.		IOCCC116(1990)

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for customer 15888

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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 (AOAC, Microval, AFNOR e.g.) and complimentary internal validation study on cocoa and chocolate matrices.

## Shelf life

12 Month (s) after production date

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

ENERGY VALUE	569 kcal	VITAMIN C L-ASCORBIC ACID	0.529 mg
ENERGY VALUE RI	28.5 %	VITAMIN C RI	0.7 %
ENERGY VALUE	2,382 kJ	VITAMIN D CALCIFEROL	1.353 µg
TOTAL FAT	37.4 g	VITAMIN D RI	27.1 %
TOTAL FAT RI	53.5 %	VITAMIN D (IU)	54
SATURATED FATTY ACID	22.6 g	VITAMIN E ALPHA-TOCOPHEROL	2.445 mg
SATURATED FATTY ACID RI	113.1 %	VITAMIN E RI	20.4 %
MONO UNSATURATED FATTY ACID	11.8 g	VITAMIN E (IU)	4
POLY UNSATURATED FATTY ACID	1.2 g	FOLATE	10.971 µg
TRANS FATTY ACID (TFA) TOTAL	0.5 g	FOLATE RI	5.5 %
CHOLESTEROL	24.4 mg	PHOSPHORUS	230.8 mg
AVAILABLE CARBOHYDRATES	49.3 g	PHOSPHORUS RI	33.0 %
AVAILABLE CARBOHYDRATES RI	18.9 %	IRON	1.87 mg
SUGARS (MONO+DISACCHARIDES)	48.2 g	IRON RI	13.3 %
SUGARS (MONO+DISACCHARIDES) RI	53.6 %	MAGNESIUM	36.2 mg
POLYOLS	0.0 g	MAGNESIUM RI	9.7 %
STARCH	0.7 g	ZINC	1.10 mg
DIETARY FIBRE	1.0 g	ZINC RI	11.0 %
TOTAL PROTEIN	8.0 g	IODINE	7.19 µg
PROTEIN RI	15.9 %	IODINE RI	4.8 %
MILK PROTEIN	7.3 g	CALCIUM	250.7 mg
SALT	0.25 g	CALCIUM RI	31.3 %
SALT RI	4.2 %	CHLORIDE	220.73 mg
SODIUM	101.1 mg	CHLORIDE RI	27.6 %
ORGANIC ACIDS	0.55 g	POTASSIUM	421.9 mg
TOTAL ALKALOIDS	0.07 g	POTASSIUM RI	21.1 %

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POLY HYDROXYPHENOLS	0.17 g	MANGANESE	0.03 mg
ALCOHOL	0.00 g	MANGANESE RI	1.4 %
VITAMIN A RETINOL	13.748 µg	FLUORIDE	0.05 mg
VITAMIN A (IU)	46	FLUORIDE RI	1.5 %
VITAMIN B1 THIAMIN	0.095 mg	SELENIUM	5.54 µg
VITAMIN B1 RI	8.7 %	SELENIUM RI	10.1 %
VITAMIN B2 RIBOFLAVIN	0.595 mg	CHROMIUM	18.32 µg
VITAMIN B2 RI	42.5 %	CHROMIUM RI	45.8 %
VITAMIN B3/PP NIACIN/NICOTIN	0.084 mg	MOLYBDENUM	24.78 µg
VITAMIN B3 RI	0.5 %	MOLYBDENUM RI	49.6 %
VITAMIN B12 CYANO-COBALAMINE	0.584 µg	ASH CONTENT	2.06 g
VITAMIN B12 RI	23.4 %		

RI = Reference Intake

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

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	1	MUSTARD PRODUCTS	0
RYE	0	SULPHUR DIOXIDE/ SULPHITES IN CONC	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
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.

**Legal data (calculated according to EU Directive 2000/36/EC)**

Dry cocoa solids	33.2 %	+/-1,5
Dry fatfree cocoa solids	min 2.5 %	
Dry milk solids	27.4 %	+/-1,5
Milkfat	6.9 %	+/-0,5

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### 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

Printed on 24.02.2022 for customer HB INGREDIENTS

Evie De Vis

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