



**CALLEBAUT**

ESTABLISHED 1911

**841-E4-U71**

**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  
**Certification** Certified HALAL  
**Article :** 841-E4-U71 **Reference :** BC.8418X2.5  
**Commodity code for EU :** 1806.2010

### Typical composition

sugar 36.0%; cocoa mass 22.0%; cocoa butter 20.0%; whole **milk** powder 14.5%; skimmed **milk** powder 6.0%; emulsifier: **soya** lecithin <1%; natural vanilla flavouring <1%

Growing Great Chocolate ingredients: Cocoa

### Delivery form

	<b>EAN</b>	<b>Net weight</b>
UC	5410522535334	2.500 KG
BOX	5410522535327	20.000 KG

  

Shape	Callets
Amount	2,5KG/UC
Amount per box/bag/each	8UC/BOX
Amount per pallet	30BOX/PAL
Order quantity 20 KG (or multiply of this)	

### Chemical limits

		<b>Ref.Method</b>
MOISTURE	max 1 %	IOCCC1(1952)
TOTAL FAT CONTENT	36.4 % +/- 1.5	IOCCC14(1972)

### Physical limits

		<b>Ref.Method</b>
LINEAR VISCOSITY	1,200 - 1,540 mPa.s	IOCCC46(2000)
Particle size : max. 3 % of the dry fatfree substance is > 30 micron.		IOCCC38(1990)

### Microbiological limits

		<b>Ref.Method</b>
TOTAL PLATE COUNT (CC)	max 5,000/g	ISO4833
YEASTS	max 50/g	ISO7954

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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**

18 Month (s) after production date

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

ENERGY VALUE	557 kcal	VITAMIN B12 RI	17.8 %
ENERGY VALUE RI	27.9 %	VITAMIN C L-ASCORBIC ACID	0.403 mg
ENERGY VALUE	2,331 kJ	VITAMIN C RI	0.5 %
TOTAL FAT	36.4 g	VITAMIN D CALCIFEROL	1.438 µg
TOTAL FAT RI	52.0 %	VITAMIN D RI	28.8 %
SATURATED FATTY ACID	21.9 g	VITAMIN D (IU)	58
SATURATED FATTY ACID RI	109.4 %	VITAMIN E ALPHA-TOCOPHEROL	2.592 mg
MONO UNSATURATED FATTY ACID	11.7 g	VITAMIN E RI	21.6 %
POLY UNSATURATED FATTY ACID	1.1 g	VITAMIN E (IU)	4
TRANS FATTY ACID (TFA) TOTAL	0.3 g	VITAMIN H BIOTIN	0.001 mg
CHOLESTEROL	14.6 mg	VITAMIN H RI	1.7 %
AVAILABLE CARBOHYDRATES	46.2 g	VITAMIN M FOLIC ACID	12.095 µg
AVAILABLE CARBOHYDRATES RI	17.8 %	VITAMIN M RI	6.0 %
SUGARS (MONO+DISACCHARIDES)	44.7 g	VITAMIN K - PHYLLOQUINONES	0.000 µg
SUGARS (MONO+DISACCHARIDES) RI	49.7 %	VITAMIN K RI	0.0 %
POLYOLS	0.0 g	PHOSPHORUS	242.5 mg
STARCH	1.2 g	PHOSPHORUS RI	34.6 %
DIETARY FIBRE	4.1 g	IRON	6.63 mg
TOTAL PROTEIN	8.5 g	IRON RI	47.4 %
PROTEIN RI	17.0 %	MAGNESIUM	69.9 mg
MILK PROTEIN	5.9 g	MAGNESIUM RI	18.7 %
SALT	0.20 g	ZINC	1.42 mg
SALT RI	3.3 %	ZINC RI	14.2 %
SODIUM	78.5 mg	IODINE	5.46 µg
ORGANIC ACIDS	0.73 g	IODINE RI	3.6 %
TOTAL ALKALOIDS	0.26 g	CALCIUM	202.0 mg
POLY HYDROXYPHENOLS	0.66 g	CALCIUM RI	25.3 %
ALCOHOL	0.00 g	CHLORIDE	170.91 mg

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VITAMIN A	RETINOL	14.097 µg	CHLORIDE RI	21.4 %
VITAMIN A	RI	1.8 %	POTASSIUM	517.2 mg
VITAMIN A	(IU)	47	POTASSIUM RI	25.9 %
PROVITAMIN A	BETA-CAROTENE	4.316 µg	MANGANESE	0.01 mg
VITAMIN B1	THIAMIN	0.109 mg	MANGANESE RI	0.7 %
VITAMIN B1	RI	10.0 %	FLUORIDE	0.07 mg
VITAMIN B2	RIBOFLAVIN	0.488 mg	FLUORIDE RI	2.0 %
VITAMIN B2	RI	34.9 %	SELENIUM	4.73 µg
VITAMIN B3/PP	NIACIN/NICOTIN	0.332 mg	SELENIUM RI	8.6 %
VITAMIN B3	RI	2.1 %	CHROMIUM	32.71 µg
VITAMIN B5	PANTOIC ACID	0.891 mg	CHROMIUM RI	81.8 %
VITAMIN B5	RI	14.9 %	MOLYBDENUM	41.52 µg
VITAMIN B6	PYRIDOXIN	0.084 mg	MOLYBDENUM RI	83.0 %
VITAMIN B6	RI	6.0 %	ASH CONTENT	2.05 g
VITAMIN B12	CYANO-COBALAMINE	0.445 µg		

RI = Reference Intake

**Additional allergens and other information**

MILK PRODUCTS (EXCL. LACTITOL)	1	HAZELNUTS, ALMONDS	0
LACTOSE	1	HAZELNUT OIL, ALMOND OIL	0
EGGS AND PRODUCTS THEREOF	0	OTHER NUTS *	0
SOY**	1	PEANUTS **	0
FULLY REFINED SOYBEAN OIL/FAT	1	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	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	42.2 %	+/-1,5
Dry fatfree cocoa solids	9.8 %	+/-0,5

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BEELGIUM 1911

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

Dry milk solids	20.4 %	+/- 1
Milkfat	4.1 %	+/-0,5

**Storage conditions**

Store the product in a clean, dry (relative humidity max.70 %) and odourless environment.  
Storage Temperature : 12 - 20 °C

**Kosher certification**

**Kosher Dairy**

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

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Yoko Vervliet