

## Product Specification

<b>Legal denomination :</b>	Couverture milk chocolate
<b>Certification</b>	Certified HALAL
<b>Article :</b>	823-E0-D94
<b>Commodity code for EU :</b>	1806.9039

## Typical composition

sugar 42.0%; cocoa butter 24.0%; whole **milk** powder 22.5%; cocoa mass 11.0%; emulsifier: **soya** lecithin <1%; natural vanilla flavouring <1%

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

## Delivery form

	<b>EAN</b>	<b>Net weight</b>
UC	5410522556209	0.400 KG
BOX	5410522556193	2.800 KG
Shape		Callets
Amount		0,4KG/UC
Amount per box/bag/each		7UC/BOX
Amount per pallet		112BOX/PAL
Order quantity		2.8 KG (or multiply of this)

## Chemical limits

			<b>Ref.Method</b>
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	36.2 %	+/- 1.5	IOCCC14(1972)

## Physical limits

		<b>Ref.Method</b>
LINEAR VISCOSITY	1,200 - 1,600 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

**Microbiological limits**
**Ref.Method**

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	563 kcal	VITAMIN B12 RI	18.8 %
ENERGY VALUE RI	28.2 %	VITAMIN C L-ASCORBIC ACID	0.425 mg
ENERGY VALUE	2,356 kJ	VITAMIN C RI	0.5 %
TOTAL FAT	36.2 g	VITAMIN D CALCIFEROL	1.346 µg
TOTAL FAT RI	51.7 %	VITAMIN D RI	26.9 %
SATURATED FATTY ACID	21.8 g	VITAMIN D (IU)	54
SATURATED FATTY ACID RI	108.9 %	VITAMIN E ALPHA-TOCOPHEROL	2.428 mg
MONO UNSATURATED FATTY ACID	11.5 g	VITAMIN E RI	20.2 %
POLY UNSATURATED FATTY ACID	1.1 g	VITAMIN E (IU)	4
TRANS FATTY ACID (TFA) TOTAL	0.4 g	VITAMIN H RI	0.0 %
CHOLESTEROL	21.7 mg	VITAMIN M FOLIC ACID	10.559 µg
AVAILABLE CARBOHYDRATES	50.9 g	VITAMIN M RI	5.3 %
AVAILABLE CARBOHYDRATES RI	19.6 %	VITAMIN K RI	0.0 %
SUGARS (MONO+DISACCHARIDES)	49.9 g	PHOSPHORUS	210.4 mg
SUGARS (MONO+DISACCHARIDES) RI	55.5 %	PHOSPHORUS RI	30.1 %
POLYOLS	0.0 g	IRON	3.43 mg
STARCH	0.6 g	IRON RI	24.5 %
DIETARY FIBRE	2.1 g	MAGNESIUM	44.6 mg
TOTAL PROTEIN	7.0 g	MAGNESIUM RI	11.9 %
PROTEIN RI	14.1 %	ZINC	1.10 mg
MILK PROTEIN	5.7 g	ZINC RI	11.0 %
SALT	0.21 g	IODINE	5.79 µg
SALT RI	3.4 %	IODINE RI	3.9 %
SODIUM	82.1 mg	CALCIUM	206.3 mg
ORGANIC ACIDS	0.54 g	CALCIUM RI	25.8 %
TOTAL ALKALOIDS	0.13 g	CHLORIDE	179.14 mg
POLY HYDROXYPHENOLS	0.33 g	CHLORIDE RI	22.4 %
ALCOHOL	0.00 g	POTASSIUM	411.7 mg

VITAMIN A RETINOL	13.386 µg	POTASSIUM RI	20.6 %
VITAMIN A RI	1.7 %	MANGANESE	0.02 mg
VITAMIN A (IU)	45	MANGANESE RI	1.0 %
VITAMIN B1 THIAMIN	0.089 mg	FLUORIDE	0.05 mg
VITAMIN B1 RI	8.1 %	FLUORIDE RI	1.5 %
VITAMIN B2 RIBOFLAVIN	0.492 mg	SELENIUM	4.14 µg
VITAMIN B2 RI	35.1 %	SELENIUM RI	7.5 %
VITAMIN B3/PP NIACIN/NICOTIN	0.165 mg	CHROMIUM	21.27 µg
VITAMIN B3 RI	1.0 %	CHROMIUM RI	53.2 %
VITAMIN B5 RI	0.0 %	MOLYBDENUM	27.27 µg
VITAMIN B6 RI	0.0 %	MOLYBDENUM RI	54.5 %
VITAMIN B12 CYANO-COBALAMINE	0.470 µg	ASH CONTENT	1.86 g

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**	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	35.1 %	+/-1,5
Dry fatfree cocoa solids	4.9 %	+/-0,5
Dry milk solids	21.8 %	+/- 1
Milkfat	6.0 %	+/-0,5

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

### **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).