

M0231376-164

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 :	Milk chocolate	
Certification	Certified HALAL	
Commercial name :	8x8x6mm	
Article :	M0231376-164	Reference : BC.CHUM825
Commodity code for EU :	1806.2030	

Typical composition

sugar 46.0%; whole milk powder 20.0%; cocoa butter 14.0%; cocoa mass 10.0%; whey powder (milk) 5.0%; skimmed milk powder 4.5%; emulsifier: soya lecithin <1%; natural vanilla flavouring <1%

Products with "best before" until 09.07.2018 are not halal certified.

Delivery form

	EAN	Net weight
BOX	5410522511901	25.000 KG
Shape		Chunks
Amount per box/bag/each		25KG/BOX
Amount per pallet		40BOX/PAL
Order quantity 25 KG (or multiply of this)		

Product characteristics

LENGTH	7.0 - 9.0 mm
WIDTH	6.0 - 10.0 mm
HEIGHT	5.0 - 7.0 mm

Chemical limits

			Ref.Method
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	25.4 %	+/- 1.5	IOCCC14(1972)

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for customer 15888

Barry Callebaut (UK) Ltd - Wildmere Industrial Estate - Oxfordshire

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Particle size : max. 3 % of the dry fatfree substance is > 30 micron.

Ref.Method

IOCCC38(1990)

Microbiological limits

TOTAL PLATE COUNT (CC)	max 5,000/g
YEASTS	max 50/g
MOULDS	max 50/g
ENTEROBACTERIACEAE	max 10/g
COLIFORMS	max 10/g
E.COLI	absent/g
SALMONELLAE	absent/25g

Ref.Method

ISO4833
ISO7954
ISO7954
ISO21528-2
ISO4832
ISO16649-2
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	505 kcal	VITAMIN C L-ASCORBIC ACID	0.495 mg
ENERGY VALUE RI	25.3 %	VITAMIN C RI	0.6 %
ENERGY VALUE	2,113 kJ	VITAMIN D CALCIFEROL	0.880 µg
TOTAL FAT	25.4 g	VITAMIN D RI	17.6 %
TOTAL FAT RI	36.3 %	VITAMIN D (IU)	35
SATURATED FATTY ACID	15.2 g	VITAMIN E ALPHA-TOCOPHEROL	1.690 mg
SATURATED FATTY ACID RI	76.2 %	VITAMIN E RI	14.1 %
MONO UNSATURATED FATTY ACID	8.0 g	VITAMIN E (IU)	3
POLY UNSATURATED FATTY ACID	0.9 g	FOLATE	9.614 µg
TRANS FATTY ACID (TFA) TOTAL	0.4 g	FOLATE RI	4.8 %
CHOLESTEROL	20.3 mg	PHOSPHORUS	233.5 mg
AVAILABLE CARBOHYDRATES	59.2 g	PHOSPHORUS RI	33.4 %
AVAILABLE CARBOHYDRATES RI	22.8 %	IRON	3.22 mg
SUGARS (MONO+DISACCHARIDES)	58.3 g	IRON RI	23.0 %
SUGARS (MONO+DISACCHARIDES) RI	64.8 %	MAGNESIUM	51.2 mg
POLYOLS	0.0 g	MAGNESIUM RI	13.7 %
STARCH	0.5 g	ZINC	1.16 mg
DIETARY FIBRE	1.9 g	ZINC RI	11.6 %
TOTAL PROTEIN	8.3 g	IODINE	5.72 µg
PROTEIN RI	16.6 %	IODINE RI	3.8 %
MILK PROTEIN	7.2 g	CALCIUM	247.4 mg
SALT	0.29 g	CALCIUM RI	30.9 %
SALT RI	4.9 %	CHLORIDE	176.89 mg

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SODIUM	117.7 mg	CHLORIDE RI	22.1 %
ORGANIC ACIDS	0.84 g	POTASSIUM	490.6 mg
TOTAL ALKALOIDS	0.12 g	POTASSIUM RI	24.5 %
POLY HYDROXYPHENOLS	0.30 g	MANGANESE	0.02 mg
ALCOHOL	0.00 g	MANGANESE RI	1.2 %
VITAMIN A RETINOL	31.568 µg	FLUORIDE	0.05 mg
VITAMIN A (IU)	105	FLUORIDE RI	1.6 %
VITAMIN B1 THIAMIN	0.114 mg	SELENIUM	6.30 µg
VITAMIN B1 RI	10.4 %	SELENIUM RI	11.5 %
VITAMIN B2 RIBOFLAVIN	0.611 mg	CHROMIUM	21.74 µg
VITAMIN B2 RI	43.6 %	CHROMIUM RI	54.4 %
VITAMIN B3/PP NIACIN/NICOTIN	0.152 mg	MOLYBDENUM	29.74 µg
VITAMIN B3 RI	0.9 %	MOLYBDENUM RI	59.5 %
VITAMIN B12 CYANO-COBALAMINE	0.588 µg	ASH CONTENT	2.24 g
VITAMIN B12 RI	23.5 %		

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	min 25.0 %	
Dry fatfree cocoa solids	4.8 %	+/-0,5

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

Dry milk solids	25.0 %	+/-1,5
Milkfat	5.9 %	+/-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).

Optional certifications and programs

Cocoa Horizons Foundation	Cocoa Horizons Foundation: cocoa ingredients. Supports the Cocoa Horizons Foundation in countries where the program is operating.
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
Fair Trade Sourced Ingr Sugar	Any reference to Fairtrade/FSI requires a valid Fairtrade certificate.FSI sugar Fairtrade ingredients: sugar
ProTerra soy lecithin MB	ProTerra soy lecithin mass balance ProTerra MB certified ingredients: soy lecithin
Rainforest Alliance MB	Rainforest Alliance - cocoa MB Rainforest Alliance MB ingredients: Cocoa

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

Printed on 04.03.2022 for customer HB INGREDIENTS

Sarah E Sandy,

Sarah Sandy

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