

W0031217-164

Product specification according to the legislation of EU

Product Specification

Legal denomination :	White chocolate
Certification	Certified HALAL
Article :	W0031217-164
Commodity code for EU :	1704.9030

Typical composition

sugar 38.0%; cocoa butter 30.0%; whole **milk** powder 24.5%; skimmed **milk** powder 7.0%; emulsifier: **soya** lecithin <1%; natural vanilla flavouring <1%

Delivery form

	EAN	Net weight
BOX	5410522341638	25.000 KG
Shape		Easymelt
Amount per box/bag/each		25KG/BOX
Amount per pallet		40BOX/PAL
Order quantity 25 KG (or multiply of this)		

Chemical limits

		Ref.Method
MOISTURE	max 1 %	IOCCC1(1952)
TOTAL FAT CONTENT	37.0 % +/- 1.5	IOCCC14(1972)

Physical limits

		Ref.Method
LINEAR VISCOSITY	2,000 - 2,500 mPa.s	IOCCC46(2000)
CASSON YIELD VALUE	3.00 - 10.00 Pa	IOCCC46(2000) & 10(1973)
Particle size : 4-8 % of the dry fatfree substance is > 30 microns.		IOCCC116(1990)

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

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W0031217-164**Product specification according to the legislation of EU****Nutritional data for 100g (by calculation based on literature data)**

ENERGY VALUE	572 kcal	VITAMIN B12 RI	26.6 %
ENERGY VALUE RI	28.6 %	VITAMIN C L-ASCORBIC ACID	0.602 mg
ENERGY VALUE	2,391 kJ	VITAMIN C RI	0.8 %
TOTAL FAT	37.0 g	VITAMIN D CALCIFEROL	1.362 µg
TOTAL FAT RI	52.9 %	VITAMIN D RI	27.2 %
SATURATED FATTY ACID	22.3 g	VITAMIN D (IU)	54
SATURATED FATTY ACID RI	111.5 %	VITAMIN E ALPHA-TOCOPHEROL	2.449 mg
MONO UNSATURATED FATTY ACID	11.8 g	VITAMIN E RI	20.4 %
POLY UNSATURATED FATTY ACID	1.2 g	VITAMIN E (IU)	4
TRANS FATTY ACID (TFA) TOTAL	0.5 g	VITAMIN H BIOTIN	0.001 mg
CHOLESTEROL	23.9 mg	VITAMIN H RI	1.9 %
AVAILABLE CARBOHYDRATES	50.5 g	VITAMIN M FOLIC ACID	10.992 µg
AVAILABLE CARBOHYDRATES RI	19.4 %	VITAMIN M RI	5.5 %
SUGARS (MONO+DISACCHARIDES)	50.1 g	VITAMIN K - PHYLLOQUINONES	0.000 µg
SUGARS (MONO+DISACCHARIDES) RI	55.6 %	VITAMIN K RI	0.0 %
POLYOLS	0.0 g	PHOSPHORUS	238.2 mg
STARCH	0.0 g	PHOSPHORUS RI	34.0 %
DIETARY FIBRE	0.0 g	IRON	0.26 mg
TOTAL PROTEIN	8.7 g	IRON RI	1.9 %
PROTEIN RI	17.3 %	MAGNESIUM	26.0 mg
MILK PROTEIN	8.7 g	MAGNESIUM RI	6.9 %
SALT	0.29 g	ZINC	1.04 mg
SALT RI	4.8 %	ZINC RI	10.4 %
SODIUM	114.1 mg	IODINE	8.17 µg
ORGANIC ACIDS	0.55 g	IODINE RI	5.4 %
TOTAL ALKALOIDS	0.00 g	CALCIUM	280.5 mg
POLY HYDROXYPHENOLS	0.00 g	CALCIUM RI	35.1 %
ALCOHOL	0.00 g	CHLORIDE	249.39 mg
VITAMIN A RETINOL	14.029 µg	CHLORIDE RI	31.2 %
VITAMIN A RI	1.8 %	POTASSIUM	409.1 mg
VITAMIN A (IU)	47	POTASSIUM RI	20.5 %
PROVITAMIN A BETA-CAROTENE	6.459 µg	MANGANESE	0.02 mg
VITAMIN B1 THIAMIN	0.097 mg	MANGANESE RI	1.0 %
VITAMIN B1 RI	8.8 %	FLUORIDE	0.03 mg
VITAMIN B2 RIBOFLAVIN	0.664 mg	FLUORIDE RI	0.8 %
VITAMIN B2 RI	47.4 %	SELENIUM	4.12 µg
VITAMIN B3/PP NIACIN/NICOTIN	0.000 mg	SELENIUM RI	7.5 %
VITAMIN B3 RI	0.0 %	CHROMIUM	9.69 µg
VITAMIN B5 PANTOIC ACID	1.069 mg	CHROMIUM RI	24.2 %
VITAMIN B5 RI	17.8 %	MOLYBDENUM	14.21 µg
VITAMIN B6 PYRIDOXIN	0.093 mg	MOLYBDENUM RI	28.4 %

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VITAMIN B6 RI	6.6 %	ASH CONTENT	2.18 g
VITAMIN B12 CYANO-COBALAMINE	0.665 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	30.4 %	+/-1,5
Dry milk solids	30.6 %	+/-1,5
Milkfat	6.6 %	+/-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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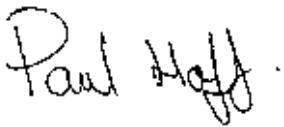
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Optional certifications and programs

Cocoa Horizons Foundation	Cocoa Horizons Foundation. HORIZONS cocoa ingredients.
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 Sourcing Prog Cocoa	Any reference to Fairtrade / FSI requires a valid Fairtrade certificate. FSI cocoa Fairtrade ingredients: cocoa
Fair Trade Sourcing Prog Sugar	Any reference to Fairtrade/FSI requires a valid Fairtrade certificate.FSI sugar Fairtrade ingredients: sugar
Rainforest Alliance MB	Rainforest Alliance™ - Cocoa MB Rainforest Alliance™ MB ingredients: Cocoa
UTZ cocoa mass balance	UTZ ingredients: Cocoa

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

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Paul Hoff