

P0051011-164

Product specification according to the legislation of EU

Product Specification

Legal denomination :	Chocolate
Article :	P0051011-164
Commodity code for EU :	1806.2010

Typical composition

sugar 46.0%; cocoa mass 42.5%; cocoa butter 10.5%; emulsifier: soya lecithin <1%; natural vanilla flavouring <1%

Possible allergen cross contact during processing

May contain : Milk

Delivery form

	EAN	Net weight
BOX	5410522345773	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	33.8 %	+/- 1.5	IOCCC14(1972)

Physical limits

		Ref.Method
LINEAR VISCOSITY	2,000 - 2,500 mPa.s	IOCCC46(2000)
CASSON YIELD VALUE	9.00 - 16.00 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.

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10.03.2020 16:53:16

p. 1 / 4

P0051011-164**Product specification according to the legislation of EU****Shelf life**

24 Month (s) after production date

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

ENERGY VALUE	538 kcal	VITAMIN B12 RI	0.0 %
ENERGY VALUE RI	26.9 %	VITAMIN C L-ASCORBIC ACID	0.000 mg
ENERGY VALUE	2,251 kJ	VITAMIN C RI	0.0 %
TOTAL FAT	33.8 g	VITAMIN D CALCIFEROL	1.499 µg
TOTAL FAT RI	48.3 %	VITAMIN D RI	30.0 %
SATURATED FATTY ACID	20.3 g	VITAMIN D (IU)	60
SATURATED FATTY ACID RI	101.3 %	VITAMIN E ALPHA-TOCOPHEROL	2.716 mg
MONO UNSATURATED FATTY ACID	11.0 g	VITAMIN E RI	22.6 %
POLY UNSATURATED FATTY ACID	1.1 g	VITAMIN E (IU)	4
TRANS FATTY ACID (TFA) TOTAL	0.0 g	VITAMIN H BIOTIN	0.000 mg
CHOLESTEROL	0.0 mg	VITAMIN H RI	0.0 %
AVAILABLE CARBOHYDRATES	48.8 g	VITAMIN M FOLIC ACID	10.739 µg
AVAILABLE CARBOHYDRATES RI	18.8 %	VITAMIN M RI	5.4 %
SUGARS (MONO+DISACCHARIDES)	46.1 g	VITAMIN K - PHYLLOQUINONES	0.000 µg
SUGARS (MONO+DISACCHARIDES) RI	51.3 %	VITAMIN K RI	0.0 %
POLYOLS	0.0 g	PHOSPHORUS	160.0 mg
STARCH	2.2 g	PHOSPHORUS RI	22.9 %
DIETARY FIBRE	8.0 g	IRON	12.47 mg
TOTAL PROTEIN	5.0 g	IRON RI	89.1 %
PROTEIN RI	10.1 %	MAGNESIUM	101.0 mg
MILK PROTEIN	0.0 g	MAGNESIUM RI	26.9 %
SALT	0.01 g	ZINC	1.40 mg
SALT RI	0.2 %	ZINC RI	14.0 %
SODIUM	4.3 mg	IODINE	0.00 µg
ORGANIC ACIDS	0.68 g	IODINE RI	0.0 %
TOTAL ALKALOIDS	0.51 g	CALCIUM	28.1 mg
POLY HYDROXYPHENOLS	1.28 g	CALCIUM RI	3.5 %
ALCOHOL	0.00 g	CHLORIDE	8.48 mg
VITAMIN A RETINOL	13.500 µg	CHLORIDE RI	1.1 %
VITAMIN A RI	1.7 %	POTASSIUM	468.7 mg
VITAMIN A (IU)	45	POTASSIUM RI	23.4 %
PROVITAMIN A BETA-CAROTENE	0.000 µg	MANGANESE	0.00 mg
VITAMIN B1 THIAMIN	0.085 mg	MANGANESE RI	0.2 %
VITAMIN B1 RI	7.7 %	FLUORIDE	0.10 mg
VITAMIN B2 RIBOFLAVIN	0.085 mg	FLUORIDE RI	2.9 %
VITAMIN B2 RI	6.1 %	SELENIUM	3.91 µg
VITAMIN B3/PP NIACIN/NICOTIN	0.638 mg	SELENIUM RI	7.1 %
VITAMIN B3 RI	4.0 %	CHROMIUM	51.05 µg

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p. 2 / 4

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VITAMIN B5 PANTOIC ACID	0.340 mg	CHROMIUM RI	127.6 %
VITAMIN B5 RI	5.7 %	MOLYBDENUM	62.11 µg
VITAMIN B6 PYRIDOXIN	0.043 mg	MOLYBDENUM RI	124.2 %
VITAMIN B6 RI	3.0 %	ASH CONTENT	1.20 g
VITAMIN B12 CYANO-COBALAMINE	0.000 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	1
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	52.9 %	+/-1,5
Dry fatfree cocoa solids	19.1 %	+/- 1

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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p. 3 / 4

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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 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
UTZ cocoa mass balance	UTZ ingredients: Cocoa

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

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Sarah Sandy