

## P0021251-540

### 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 :** Chocolate  
**Article :** P0021251-540  
**Commodity code for EU :** 1806.2030

#### Typical composition

cocoa mass 49.5%; sugar 46.0%; cocoa butter 2.0%; fat-reduced cocoa powder 1.5%; emulsifier: soya lecithin <1%

#### Possible allergen cross contact during processing

##### May contain : Milk

This product is made on shared lines that process products containing allergen ingredients and therefore may contain these allergens. The levels of cross contact allergens can vary. We strongly recommend our customers pass this allergen information forward and include it on their own product labels, particularly products sold to consumers. We also advise our customers to take into account any local allergen content and labeling standards. For more information please contact your BC representative.

#### Delivery form

	EAN	Net weight
BOX	5410522345810	25.000 KG
Shape		Chips
Amount		7.500CT/KG
Amount per box/bag/each		25KG/BOX
Amount per pallet		40BOX/PAL
Order quantity	25 KG (or multiply of this)	

#### Product characteristics

COUNT PER KG 6,750 - 8,250 /kg

#### Chemical limits

			Ref.Method
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	29.3 %	+/- 1.5	IOCCC14(1972)

Article : P0021251-540

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

BANBURY - OX16 3UU - UNITED KINGDOM

Tel. : +44 1295224700 Fax.: +44 1295256994

for customer 15888

07.05.2021 11:30:51

**p. 1 / 4**

**P0021251-540****Product specification according to the legislation of EU****Physical limits** **Ref.Method**

Particle size : 4-8 % of the dry fatfree substance is &gt; 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**

24 Month (s) after production date

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

ENERGY VALUE	508 kcal	VITAMIN C L-ASCORBIC ACID	0.000 mg
ENERGY VALUE RI	25.4 %	VITAMIN C RI	0.0 %
ENERGY VALUE	2,125 kJ	VITAMIN D CALCIFEROL	1.290 µg
TOTAL FAT	29.3 g	VITAMIN D RI	25.8 %
TOTAL FAT RI	41.8 %	VITAMIN D (IU)	52
SATURATED FATTY ACID	17.5 g	VITAMIN E ALPHA-TOCOPHEROL	2.350 mg
SATURATED FATTY ACID RI	87.5 %	VITAMIN E RI	19.6 %
MONO UNSATURATED FATTY ACID	9.5 g	VITAMIN E (IU)	4
POLY UNSATURATED FATTY ACID	1.0 g	VITAMIN M FOLIC ACID	11.612 µg
TRANS FATTY ACID (TFA) TOTAL	0.0 g	VITAMIN M RI	5.8 %
CHOLESTEROL	0.0 mg	PHOSPHORUS	197.6 mg
AVAILABLE CARBOHYDRATES	49.3 g	PHOSPHORUS RI	28.2 %
AVAILABLE CARBOHYDRATES RI	19.0 %	IRON	15.15 mg
SUGARS (MONO+DISACCHARIDES)	46.1 g	IRON RI	108.2 %
SUGARS (MONO+DISACCHARIDES) RI	51.2 %	MAGNESIUM	124.7 mg
POLYOLS	0.0 g	MAGNESIUM RI	33.2 %
STARCH	2.7 g	ZINC	1.73 mg
DIETARY FIBRE	9.8 g	ZINC RI	17.3 %
TOTAL PROTEIN	6.2 g	IODINE	0.00 µg
PROTEIN RI	12.5 %	IODINE RI	0.0 %
MILK PROTEIN	0.0 g	CALCIUM	34.6 mg
SALT	0.01 g	CALCIUM RI	4.3 %
SALT RI	0.2 %	CHLORIDE	10.31 mg

Article : P0021251-540

for customer 15888

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

BANBURY - OX16 3UU - UNITED KINGDOM

07.05.2021 11:30:51

Tel. : +44 1295224700 Fax.: +44 1295256994

**p. 2 / 4**

## P0021251-540

### Product specification according to the legislation of EU

SODIUM	5.3 mg	CHLORIDE RI	1.3 %
ORGANIC ACIDS	0.84 g	POTASSIUM	568.9 mg
TOTAL ALKALOIDS	0.63 g	POTASSIUM RI	28.4 %
POLY HYDROXYPHENOLS	1.58 g	MANGANESE	0.00 mg
ALCOHOL	0.00 g	MANGANESE RI	0.2 %
VITAMIN A RETINOL	11.562 µg	FLUORIDE	0.12 mg
VITAMIN A (IU)	39	FLUORIDE RI	3.4 %
VITAMIN B1 THIAMIN	0.105 mg	SELENIUM	4.63 µg
VITAMIN B1 RI	9.6 %	SELENIUM RI	8.4 %
VITAMIN B2 RIBOFLAVIN	0.105 mg	CHROMIUM	60.34 µg
VITAMIN B2 RI	7.5 %	CHROMIUM RI	150.9 %
VITAMIN B3/PP NIACIN/NICOTIN	0.788 mg	MOLYBDENUM	73.42 µg
VITAMIN B3 RI	4.9 %	MOLYBDENUM RI	146.8 %
VITAMIN B12 CYANO-COBALAMINE	0.000 µg	ASH CONTENT	1.47 g
VITAMIN B12 RI	0.0 %		

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	0
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	52.8 %	+/-1,5
Dry fatfree cocoa solids	23.6 %	+/- 1

Article : P0021251-540

for customer 15888

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

BANBURY - OX16 3UU - UNITED KINGDOM

07.05.2021 11:30:51

Tel. : +44 1295224700 Fax.: +44 1295256994

p. 3 / 4

## P0021251-540

### Product specification according to the legislation of EU

#### 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).

#### 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
UTZ cocoa mass balance	UTZ ingredients: Cocoa

#### Reference(s)

Cocoa Horizons Foundation. BC.WASH7.5K25

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

Printed on 07.05.2021 for customer HB INGREDIENTS

*Sarah E Sandy,*

Sarah Sandy