

## CHD-X11P-473

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 (powder)  
**Certification** Certified HALAL  
**Article :** CHD-X11P-473  
**Alternative article number :** 13195  
**Commodity code for EU :** 1806.2030

### Typical composition

sugar 51.0%; cocoa mass 48.5%; fat-reduced cocoa powder <1%; natural vanilla flavouring <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	5410522291605	20.000 KG
Shape		Powder
Amount per box/bag/each		20KG/BOX
Amount per pallet		32BOX/PAL
Order quantity 20 KG (or multiply of this)		

### Chemical limits

			Ref.Method
MOISTURE	max 2 %		IOCCC1(1952)
TOTAL FAT CONTENT	26.3 %	+/- 1.5	IOCCC14(1972)

### Physical limits

	Ref.Method
Particle size : max. 3 % of the dry fatfree substance is > 30 micron.	IOCCC38(1990)

**CHD-X11P-473****Product specification according to the legislation of EU****Microbiological limits**

		<b>Ref.Method</b>
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	not detected/g	ISO16649-2
SALMONELLAE	not detected/25g	ISO6579-1

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	495 kcal	VITAMIN C L-ASCORBIC ACID	0.000 mg
ENERGY VALUE RI	24.8 %	VITAMIN C RI	0.0 %
ENERGY VALUE	2,071 kJ	VITAMIN D CALCIFEROL	1.172 µg
TOTAL FAT	26.3 g	VITAMIN D RI	23.4 %
TOTAL FAT RI	37.6 %	VITAMIN D (IU)	47
SATURATED FATTY ACID	15.8 g	VITAMIN E ALPHA-TOCOPHEROL	2.092 mg
SATURATED FATTY ACID RI	79.1 %	VITAMIN E RI	17.4 %
MONO UNSATURATED FATTY ACID	8.5 g	VITAMIN E (IU)	3
POLY UNSATURATED FATTY ACID	0.8 g	FOLATE	11.212 µg
TRANS FATTY ACID (TFA) TOTAL	0.0 g	FOLATE RI	5.6 %
CHOLESTEROL	0.0 mg	PHOSPHORUS	184.3 mg
AVAILABLE CARBOHYDRATES	53.7 g	PHOSPHORUS RI	26.3 %
AVAILABLE CARBOHYDRATES RI	20.7 %	IRON	13.67 mg
SUGARS (MONO+DISACCHARIDES)	51.2 g	IRON RI	97.7 %
SUGARS (MONO+DISACCHARIDES) RI	56.8 %	MAGNESIUM	116.3 mg
POLYOLS	0.0 g	MAGNESIUM RI	31.0 %
STARCH	2.5 g	ZINC	1.62 mg
DIETARY FIBRE	9.0 g	ZINC RI	16.2 %
TOTAL PROTEIN	5.8 g	IODINE	0.00 µg
PROTEIN RI	11.6 %	IODINE RI	0.0 %
MILK PROTEIN	0.0 g	CALCIUM	32.3 mg
SALT	0.01 g	CALCIUM RI	4.0 %
SALT RI	0.2 %	CHLORIDE	9.74 mg
SODIUM	5.0 mg	CHLORIDE RI	1.2 %
ORGANIC ACIDS	0.78 g	POTASSIUM	669.2 mg
TOTAL ALKALOIDS	0.59 g	POTASSIUM RI	33.5 %

Article : CHD-X11P-473

for customer 15888

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**p. 2 / 5**

**CHD-X11P-473****Product specification according to the legislation of EU**

POLY HYDROXYPHENOLS	1.33 g	MANGANESE	0.01 mg
ALCOHOL	0.00 g	MANGANESE RI	0.3 %
VITAMIN A RETINOL	10.509 µg	FLUORIDE	0.10 mg
VITAMIN A (IU)	35	FLUORIDE RI	2.9 %
VITAMIN B1 THIAMIN	0.099 mg	SELENIUM	3.85 µg
VITAMIN B1 RI	9.0 %	SELENIUM RI	7.0 %
VITAMIN B2 RIBOFLAVIN	0.099 mg	CHROMIUM	50.28 µg
VITAMIN B2 RI	7.1 %	CHROMIUM RI	125.7 %
VITAMIN B3/PP NIACIN/NICOTIN	0.736 mg	MOLYBDENUM	61.17 µg
VITAMIN B3 RI	4.6 %	MOLYBDENUM RI	122.3 %
VITAMIN B12 CYANO-COBALAMINE	0.000 µg	ASH CONTENT	1.68 g
VITAMIN B12 RI	0.0 %		

RI = Reference Intake

**Allergens: presence as ingredient or through cross contact on production line**

MILK PRODUCTS (EXCL. LACTITOL)	1	OATS	0
LACTOSE	1	RYE	0
EGGS AND PRODUCTS THEREOF	0	BARLEY (EXCL. GLUCOSE SYRUP)	0
SOY*	0	WHEAT IN. SPELT, EX. GL. SYRUP	0
FISH (INCL. SQUID)	0	HYBRIDIZED STRAINS OF CEREALS	0
CRUSTACEAE (INCL. SHRIMP/PRAWN, CRAB)	0	HAZELNUTS/FILBERTS (CORYLUS VAR.)*	0
SULPHUR DIOXIDE/ SULPHITES IN CONC	0	ALMONDS*	0
CELERY PRODUCTS	0	BRAZIL NUT*	0
PEANUTS*	0	CASHEW NUT*	0
FULLY REFINED PEANUT OIL/FAT	0	MACADAMIA/BUSH/QUEENSLAND NUT*	0
SESAME PRODUCTS (INCL. OIL/FAT)	0	PECAN NUT*	0
MUSTARD PRODUCTS	0	PISTACHIO*	0
LUPIN	0	WALNUT*	0
MOLLUSCS (INCL. ABALONE)	0	F. REF. NUT OIL/FAT,EX. PEANUT	0

Legend : 1 = present 0 = absent

\*: excluding fully refined oil/fat

**Other substances of interest**

BEEF	0	CHESTNUT (CASTANEA VARIETIES)*	0
PORK	0	PINE/PINON/PIGNOLI NUTS (PINUS VAR.)*	0
CHICKEN	0	PILI NUT*	0
FRUCTOSE	1	SHEANUT*	0
MAIZE	0	HEARTNUT*	0
VANILLIN	1	CHINQUAPIN*	0
ALCOHOL	0	LYCHEE NUT*	0
ASPARTAME	0	BEECH NUT*	0
BUCKWHEAT	0	BUTTERNUT*	0

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**p. 3 / 5**

**CHD-X11P-473****Product specification according to the legislation of EU****Other substances of interest**

GLUTEN>20 PPM	0	COCONUT*	0
BARLEY BASED GLUCOSE SYRUP	0	HICKORY NUT*	0
WHEAT B. GLUC. SYRUP INC. DEX.	0	LACTITOL	0
FULLY REFINED SOYBEAN OIL/FAT	0		

Legend : 1 = present 0 = absent

\*: excluding fully refined oil/fat

**Dietary suitability information**

SUITABLE FOR VEGETARIANS	1	SUITABLE FOR VEGANS	1
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Legend : 1 = suitable 0 = not suitable

"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	48.2 %	+/-1,5
Dry fatfree cocoa solids	21.9 %	+/- 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**

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
Rainforest Alliance MB	Rainforest Alliance - cocoa MB Rainforest Alliance MB ingredients: Cocoa

**Reference(s)**

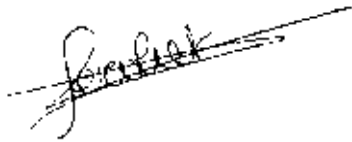
Cocoa Horizons Foundation. C.CPL811P20

**CHD-X11P-473**

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

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