



CALLEBAUT®
BELGIUM 1911

DCP-22ZEPLA-E0-89B

Product specification according to the legislation of EU

BRUYERRE S.A.
RUE F.L. BRUYERRE 30-34
6041 GOSSELIES
BELGIUM

Product Specification

Legal denomination : Cocoa powder alkalized
Certification Certified HALAL
Commercial name : Zestina Plein Arôme
Article : DCP-22ZEPLA-E0-89B
Commodity code for EU : 1805.0000

'Belgium' refers to the country of the brand.

Typical composition

cocoa powder ; acidity regulator: E 501i

Cocoa Horizons Foundation: cocoa ingredients. Supports the Cocoa Horizons Foundation in countries where the program is operating.

Delivery form

	EAN	Net weight	Gross weight	Dimensions (l x b x h)
UC	5410522754346	1.000 KG		
BOX	5410522754339	6.000 KG		
Amount		1KG/UC		
Amount per box/bag/each		6UC/BOX		
Amount per pallet		72BOX/PAL		
Order quantity 6 KG (or multiply of this)				

Packaging information

Packaging unit	Packaging material	Identification code
UC	Bag	04-PE-LD
BOX	Box	20-PAP

Product characteristics

Appearance : brown
Colour : medium Brown
Smell and taste : typical for an alkalized cocoa powder without off-taste

Chemical limits

		Ref.Method
MOISTURE	max 4.50 %	IOCCC1(1952)
TOT. FAT CONTENT ON DRY MATTER	22.0 - 24.0 %	IOCCC14(1972)
pH	6.8 - 7.2 -	IOCCC15(1972)
SHELLS ON ALKALI FREE NIBS	max 1.75 %	AOAC 970.23

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for customer 5996

Barry Callebaut Cocoa AG - Hardturmstrasse 181

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Chemical limits

ASHES (FAT FREE DRY MATTER)	max 14.00 %	IOCCC16(1973)
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Physical limits

Particle size : 99.8 % ± 0.2 min < 75µm , 200 mesh sieve	IOCCC 38(1990)
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Microbiological limits

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/375g	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 under below recommended storage conditions

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

ENERGY VALUE	389 kcal	VITAMIN B12 RI	0.0 %
ENERGY VALUE RI	19.4 %	VITAMIN C L-ASCORBIC ACID	0.000 mg
ENERGY VALUE	1,627 kJ	VITAMIN C RI	0.0 %
TOTAL FAT	23.0 g	VITAMIN D CALCIFEROL	4.000 µg
TOTAL FAT RI	32.9 %	VITAMIN D RI	80.0 %
SATURATED FATTY ACID	13.8 g	VITAMIN D (IU)	160
SATURATED FATTY ACID RI	69.2 %	VITAMIN E ALPHA-TOCOPHEROL	7.100 mg
MONO UNSATURATED FATTY ACID	7.5 g	VITAMIN E RI	59.2 %
POLY UNSATURATED FATTY ACID	0.7 g	VITAMIN E (IU)	11
TRANS FATTY ACID (TFA) TOTAL	0.0 g	FOLATE	35.500 µg
CHOLESTEROL	0.0 mg	FOLATE RI	17.8 %
AVAILABLE CARBOHYDRATES	9.1 g	PHOSPHORUS	620.1 mg
AVAILABLE CARBOHYDRATES RI	3.5 %	PHOSPHORUS RI	88.6 %
SUGARS (MONO+DISACCHARIDES)	0.4 g	IRON	42.00 mg
SUGARS (MONO+DISACCHARIDES) RI	0.4 %	IRON RI	300.0 %
POLYOLS	0.0 g	MAGNESIUM	391.3 mg
STARCH	8.7 g	MAGNESIUM RI	104.3 %
DIETARY FIBRE	29.8 g	ZINC	5.50 mg
TOTAL PROTEIN	19.5 g	ZINC RI	55.0 %
PROTEIN RI	39.0 %	IODINE	0.00 µg

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MILK PROTEIN	0.0 g	IODINE RI	0.0 %
SALT	0.04 g	CALCIUM	107.8 mg
SALT RI	0.7 %	CALCIUM RI	13.5 %
SODIUM	16.2 mg	CHLORIDE	30.20 mg
ORGANIC ACIDS	2.60 g	CHLORIDE RI	3.8 %
TOTAL ALKALOIDS	2.01 g	POTASSIUM	3,323.0 mg
POLY HYDROXYPHENOLS	2.60 g	POTASSIUM RI	166.2 %
CAFFEINE	0.20 g	MANGANESE	0.00 mg
THEOBROMINE	1.81 g	MANGANESE RI	0.0 %
ALCOHOL	0.00 g	FLUORIDE	0.12 mg
VITAMIN A RETINOL	35.500 µg	FLUORIDE RI	3.4 %
VITAMIN A (IU)	118	SELENIUM	4.60 µg
VITAMIN B1 THIAMIN	0.300 mg	SELENIUM RI	8.4 %
VITAMIN B1 RI	27.3 %	CHROMIUM	60.00 µg
VITAMIN B2 RIBOFLAVIN	0.300 mg	CHROMIUM RI	150.0 %
VITAMIN B2 RI	21.4 %	MOLYBDENUM	73.00 µg
VITAMIN B3/PP NIACIN/NICOTIN	2.400 mg	MOLYBDENUM RI	146.0 %
VITAMIN B3 RI	15.0 %	ASH CONTENT	7.89 g
VITAMIN B12 CYANO-COBALAMINE	0.000 µg		

RI = Reference Intake

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

MILK PRODUCTS (EXCL. LACTITOL)	0	OATS	0
LACTOSE	0	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

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Other substances of interest

CHICKEN	0	PILI NUT*	0
FRUCTOSE	1	SHEANUT*	0
MAIZE	0	HEARTNUT*	0
VANILLIN	0	CHINQUAPIN*	0
ALCOHOL	0	LYCHEE NUT*	0
ASPARTAME	0	BEECH NUT*	0
BUCKWHEAT	0	BUTTERNUT*	0
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	NATURAL LATEX	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)

Alkali expressed as K ₂ CO ₃ on dry fat free matter	max 7 %
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Storage conditions

Store the product in a clean, dry (relative humidity max.70 %) and odourless environment.

Recommended storage temperature: 12 - 20 °C

Kosher certification

Kosher Pareve

Kosher certificate available on request. Kosher status is confirmed on packaging (only for solid products).

Printed on 24.09.2026 for customer BRUYERRE S.A.

Claire-Marie Petit

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