



**CALLEBAUT**

ESTABLISHED 1911

# LEMON-E4-U70

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 :** Coloured cocoa butter based confectionery  
**Commercial name :** Lime  
**Article :** LEMON-E4-U70 **Reference :** BC.LEM4X2.5  
**Commodity code for EU :** 1704.9099

## Typical composition

sugar 51.0%; cocoa butter 27.5%; whole **milk** powder 20.0%; emulsifier: **soya** lecithin <1%; natural lemon flavouring <1%; colours: E132, E100 <1%; natural vanilla flavouring <1%

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

## Delivery form

	<b>EAN</b>	<b>Net weight</b>
UC	5410522515695	2.500 KG
BOX	5410522515688	10.000 KG
Shape		Callets
Amount		2,5KG/UC
Amount per box/bag/each		4UC/BOX
Amount per pallet		42BOX/PAL
Order quantity 10 KG (or multiply of this)		

## Chemical limits

		<b>Ref.Method</b>
MOISTURE	max 1 %	IOCCC1(1952)
TOTAL FAT CONTENT	33.7 % +/- 1.5	IOCCC14(1972)

## Physical limits

		<b>Ref.Method</b>
LINEAR VISCOSITY	1,772 - 2,198 mPa.s	IOCCC46(2000)
Particle size : max. 3 % of the dry fatfree substance is > 30 micron.		IOCCC38(1990)

## Microbiological limits

		<b>Ref.Method</b>
TOTAL PLATE COUNT (CC)	max 5,000/g	ISO4833
YEASTS	max 50/g	ISO7954

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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

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

ENERGY VALUE	559 kcal	VITAMIN B12 RI	16.9 %
ENERGY VALUE RI	28.0 %	VITAMIN C L-ASCORBIC ACID	1.909 mg
ENERGY VALUE	2,340 kJ	VITAMIN C RI	2.4 %
TOTAL FAT	33.7 g	VITAMIN D CALCIFEROL	1.246 µg
TOTAL FAT RI	48.1 %	VITAMIN D RI	24.9 %
SATURATED FATTY ACID	20.1 g	VITAMIN D (IU)	50
SATURATED FATTY ACID RI	100.7 %	VITAMIN E ALPHA-TOCOPHEROL	2.250 mg
MONO UNSATURATED FATTY ACID	10.7 g	VITAMIN E RI	18.8 %
POLY UNSATURATED FATTY ACID	1.2 g	VITAMIN E (IU)	3
TRANS FATTY ACID (TFA) TOTAL	0.4 g	VITAMIN H BIOTIN	0.000 mg
CHOLESTEROL	19.5 mg	VITAMIN H RI	0.0 %
AVAILABLE CARBOHYDRATES	58.7 g	VITAMIN M FOLIC ACID	8.270 µg
AVAILABLE CARBOHYDRATES RI	22.6 %	VITAMIN M RI	4.1 %
SUGARS (MONO+DISACCHARIDES)	58.2 g	VITAMIN K - PHYLLOQUINONES	0.000 µg
SUGARS (MONO+DISACCHARIDES) RI	64.7 %	VITAMIN K RI	0.0 %
POLYOLS	0.0 g	PHOSPHORUS	151.8 mg
STARCH	0.0 g	PHOSPHORUS RI	21.7 %
DIETARY FIBRE	0.0 g	IRON	0.25 mg
TOTAL PROTEIN	5.1 g	IRON RI	1.8 %
PROTEIN RI	10.3 %	MAGNESIUM	16.7 mg
MILK PROTEIN	5.1 g	MAGNESIUM RI	4.4 %
SALT	0.18 g	ZINC	0.66 mg
SALT RI	3.0 %	ZINC RI	6.6 %
SODIUM	72.8 mg	IODINE	5.20 µg
ORGANIC ACIDS	0.33 g	IODINE RI	3.5 %
TOTAL ALKALOIDS	0.00 g	CALCIUM	178.9 mg
POLY HYDROXYPHENOLS	0.00 g	CALCIUM RI	22.4 %
ALCOHOL	0.00 g	CHLORIDE	159.30 mg

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VITAMIN A	RETINOL	12.455 µg	CHLORIDE RI	19.9 %
VITAMIN A	RI	1.6 %	POTASSIUM	261.3 mg
VITAMIN A	(IU)	41	POTASSIUM RI	13.1 %
PROVITAMIN A	BETA-CAROTENE	4.117 µg	MANGANESE	0.02 mg
VITAMIN B1	THIAMIN	0.061 mg	MANGANESE RI	1.0 %
VITAMIN B1	RI	5.6 %	FLUORIDE	0.02 mg
VITAMIN B2	RIBOFLAVIN	0.423 mg	FLUORIDE RI	0.7 %
VITAMIN B2	RI	30.2 %	SELENIUM	2.81 µg
VITAMIN B3/PP	NIACIN/NICOTIN	0.004 mg	SELENIUM RI	5.1 %
VITAMIN B3	RI	0.0 %	CHROMIUM	7.23 µg
VITAMIN B5	PANTOIC ACID	0.687 mg	CHROMIUM RI	18.1 %
VITAMIN B5	RI	11.5 %	MOLYBDENUM	10.04 µg
VITAMIN B6	PYRIDOXIN	0.062 mg	MOLYBDENUM RI	20.1 %
VITAMIN B6	RI	4.5 %	ASH CONTENT	1.43 g
VITAMIN B12	CYANO-COBALAMINE	0.422 µg		

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	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.

### Storage conditions

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

Storage Temperature : 12 - 20 °C

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### Kosher certification

**Kosher** : None

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Katrien Driescens