



CHM-CI-0001602-016

Product specification according to the legislation of USA

CLARK ASSOCIATES INC.
2205 OLD PHILADELPHIA PIKE
LANCASTER PA 17602
UNITED STATES

Product Specification

Legal denomination : Milk chocolate
Commercial name : Ultimate
Chunks - Milk 600
Item : CHM-CI-0001602-016

Typical composition

sugar; whole milk powder; cocoa butter; unsweetened chocolate; unsweetened chocolate processed with alkali; dextrose; milkfat; soy lecithin; vanillin (artificial flavor)

Delivery form

	EAN	Net weight	Gross weight
BOX	20842701002	13.608 KG	14.232 KG
Shape		Chunks	
Amount		600CT/LB	
Amount per box/bag/each		30LB/BOX	
Amount per pallet		70BOX/PAL	

Product characteristics

COUNT PER POUND 525 - 675

Chemical limits

			Ref.Method
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	27.4 %	+/- 1.0	IOCCC14(1972)

Physical limits

		Ref.Method
FINESS (MICROMETER)	20.0 - 30.0 µm	INTERNAL METHOD

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

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for customer 95810

Barry Callebaut USA LLC - Suite 860 600 West Chicago Avenue

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Microbiological limits

Ref.Method

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.

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

ENERGY VALUE	499 kcal	VITAMIN B2 (DV)	24.3 %
ENERGY VALUE	2,089 kJ	VITAMIN B3/PP NIACIN/NICOTIN	0.496 mg
CALORIES FROM FAT	239 kcal	VITAMIN B3 (DV)	3.1 %
TOTAL PROTEIN	6.7 g	VITAMIN B12 CYANO-COBALAMINE	0.414 µg
PROTEIN (DV)	13.4 %	VITAMIN B12 (DV)	17.2 %
MILK PROTEIN	5.1 g	VITAMIN D CALCIFEROL	1.226 µg
TOTAL CARBOHYDRATES	63.4 g	VITAMIN D (DV)	6.1 %
TOTAL CARBOHYDRATES (DV)	23.1 %	VITAMIN D (IU)	49
SUGARS (MONO+DISACCHARIDES)	59.0 g	VITAMIN E ALPHA-TOCOPHEROL	1.755 mg
ADDED SUGARS	51.7 g	VITAMIN E (DV)	11.7 %
ADDED SUGARS (DV)	103.4 %	VITAMIN E (IU)	3
POLYOLS	0.0 g	VITAMIN M FOLIC ACID	7.677 µg
POLYDEXTROSE	0.00 g	VITAMIN M (DV)	1.9 %
STARCH	0.7 g	SODIUM	60.9 mg
TOTAL FAT	27.5 g	SODIUM (DV)	2.6 %
TOTAL FAT (DV)	35.2 %	VITAMIN C L-ASCORBIC ACID	0.678 mg
SATURATED FATTY ACID	16.5 g	VITAMIN C (DV)	0.8 %
SATURATED FATTY ACID (DV)	82.5 %	PHOSPHORUS	173.6 mg
MONO UNSATURATED FATTY ACID	8.7 g	PHOSPHORUS (DV)	13.9 %
POLY UNSATURATED FATTY ACID	0.9 g	CALCIUM	158.4 mg
TRANS FATTY ACID (TFA) TOTAL	0.2 g	CALCIUM (DV)	12.2 %
CHOLESTEROL	16.4 mg	IRON	3.39 mg
CHOLESTEROL (DV)	5.5 %	IRON (DV)	18.8 %
ORGANIC ACIDS	0.53 g	MAGNESIUM	49.7 mg
DIETARY FIBRE	2.3 g	MAGNESIUM (DV)	11.8 %
DIETARY FIBRE (DV)	8.3 %	ZINC	1.02 mg
TOTAL ALKALOIDS	0.16 g	ZINC (DV)	9.3 %
ALCOHOL	0.00 g	IODINE	0.00 µg
POLY HYDROXYPHENOLS	0.39 g	IODINE (DV)	0.0 %
VITAMIN A RETINOL	24.418 µg	CHLORIDE	132.36 mg
VITAMIN A (IU)	81	POTASSIUM	380.9 mg
VITAMIN B1 THIAMIN	0.092 mg	POTASSIUM (DV)	8.1 %
VITAMIN B1 (DV)	7.7 %	ASH CONTENT	1.60 g

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VITAMIN B2 RIBOFLAVIN

0.316 mg

Additional allergen information: presence as ingredient or through cross contact on production line

MILK PRODUCTS (EXCL. LACTITOL)	1	HAZELNUTS, ALMONDS	0
LACTOSE	1	OTHER NUTS *	0
EGGS AND PRODUCTS THEREOF	0	HAZELNUT OIL, ALMOND OIL	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	SULPHITE	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
CORN	1		

Legend : 1 = present / suitable 0 = absent / not suitable

Other nuts * : walnuts, pecan nuts, cashew nuts, pistachio nuts, Brazil nuts, macadamia nuts, chestnuts, pine nuts, hickory nuts and coconuts.

** : excl. fully refined oil/fat

Additional information

Calculations according to CODEX.

Typical Cocoa Content

27.3 %

Storage conditions

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

Storage Temperature : 12 - 20 °C / 54 - 68 °F

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.

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Fair Trade Sourced Ingr Cocoa	Fairtrade ingredients: cocoa, sugar and vanilla (if applicable) Any reference to Fairtrade / FSI requires a valid Fairtrade certificate. FSI cocoa
Fair Trade Sourced Ingr Sugar	Fairtrade ingredients: cocoa Any reference to Fairtrade/FSI requires a valid Fairtrade certificate.FSI sugar Fairtrade ingredients: sugar
Fair Trade USA Cocoa MB	Fair Trade Certified™ (Cocoa) by Fair Trade USA Inc. Fairtrade ingredients: cocoa
Fair Trade USA MB	Fair Trade Certified™ (Ingredients) by Fair Trade USA Inc. Fairtrade Ingredients: cocoa, sugar and vanilla (when present)
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.

Printed on 2021/09/02 for customer CLARK ASSOCIATES INC.

Gerard Alcantara

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