



CHD-CP-90384-A99

Product specification according to the legislation of USA

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

Product Specification

Legal denomination : Semi-sweet chocolate
Commercial name : Dark Angelo
Item : CHD-CP-90384-A99

Typical composition

unsweetened chocolate; sugar; cocoa butter; soy lecithin; natural vanilla extract; **milk**

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

As of November 15, 2021, the specification document accompanying dark chocolates and compound products produced on shared lines with milk ingredients will include the ingredient "milk" as the last ingredient in the ingredients statement. In addition, the precautionary allergen labeling statement ("May Contain Milk") will be removed from the specification document. Due to existing stocks of products and labels, however, it may be two years (Nov 2023) before all product labels will reflect this change. Please rely on the specification document as the reference for labelling purposes in the US, Canada and Mexico.

Delivery form

	EAN	Net weight
BOX	840119100303	1.050 KG
Shape		cups
Amount		60pcs/UC
Amount per pallet		120BOX/PAL

Product characteristics

HEIGHT	33.0 - 37.0 mm
DIAMETER	64.0 mm

Chemical limits

MOISTURE	max 1 %
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Ref.Method

IOCC1(1952)

Physical limits

VISCOSITY B 40C-S27-20RPM	1,500.0 - 2,500.0 cP
VISCOSITY B 40C-S27-20RPM	20.4 - 34.0 °MM
VISCOSITY 40C-S27-20RPM	6.0 - 10.0
CASSON YIELD VALUE B CALC.	18.0 - 58.0 D/cm ²
FINENESS (MICROMETER)	15.0 - 20.0 µm

Ref.Method

INTERNAL METHOD
INTERNAL METHOD
INTERNAL METHOD
INTERNAL METHOD
INTERNAL METHOD

Microbiological limits

TOTAL PLATE COUNT (CC)	max 5,000/g
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Ref.Method

ISO4833

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for customer 95810

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Microbiological limits		Ref.Method
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.

Nutritional data for 100g (by calculation based on literature data)			
ENERGY VALUE	540 kcal	VITAMIN B2 (DV)	7.0 %
ENERGY VALUE	2,260 kJ	VITAMIN B3/PP NIACIN/NICOTIN	0.700 mg
CALORIES FROM FAT	378 kcal	VITAMIN B3 (DV)	4.4 %
TOTAL PROTEIN	5.5 g	VITAMIN B12 CYANO-COBALAMINE	0.000 µg
PROTEIN (DV)	11.0 %	VITAMIN B12 (DV)	0.0 %
MILK PROTEIN	0.0 g	VITAMIN D CALCIFEROL	1.994 µg
TOTAL CARBOHYDRATES	48.6 g	VITAMIN D (DV)	10.0 %
TOTAL CARBOHYDRATES (DV)	17.7 %	VITAMIN D (IU)	80
SUGARS (MONO+DISACCHARIDES)	34.5 g	VITAMIN E ALPHA-TOCOPHEROL	3.589 mg
ADDED SUGARS	34.4 g	VITAMIN E (DV)	23.9 %
ADDED SUGARS (DV)	68.8 %	VITAMIN E (IU)	5
POLYOLS	0.0 g	FOLATE	8.962 µg
POLYDEXTROSE	0.00 g	FOLATE RDA	2.2 %
STARCH	2.4 g	SODIUM	4.7 mg
TOTAL FAT	44.0 g	SODIUM (DV)	0.2 %
TOTAL FAT (DV)	56.4 %	VITAMIN C L-ASCORBIC ACID	0.000 mg
SATURATED FATTY ACID	26.4 g	VITAMIN C (DV)	0.0 %
SATURATED FATTY ACID (DV)	131.8 %	PHOSPHORUS	174.8 mg
MONO UNSATURATED FATTY ACID	14.4 g	PHOSPHORUS (DV)	14.0 %
POLY UNSATURATED FATTY ACID	1.2 g	CALCIUM	30.6 mg
TRANS FATTY ACID (TFA) TOTAL	0.0 g	CALCIUM (DV)	2.4 %
CHOLESTEROL	0.0 mg	IRON	13.13 mg
CHOLESTEROL (DV)	0.0 %	IRON (DV)	73.0 %
ORGANIC ACIDS	0.72 g	MAGNESIUM	110.3 mg
DIETARY FIBRE	8.7 g	MAGNESIUM (DV)	26.3 %
DIETARY FIBRE (DV)	31.0 %	ZINC	1.52 mg
TOTAL ALKALOIDS	0.56 g	ZINC (DV)	13.8 %

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ALCOHOL	0.00 g	IODINE	0.00 µg
POLY HYDROXYPHENOLS	1.38 g	IODINE (DV)	0.0 %
VITAMIN A RETINOL	18.053 µg	CHLORIDE	9.02 mg
VITAMIN A (IU)	60	POTASSIUM	493.8 mg
VITAMIN B1 THIAMIN	0.091 mg	POTASSIUM (DV)	10.5 %
VITAMIN B1 (DV)	7.6 %	ASH CONTENT	1.28 g
VITAMIN B2 RIBOFLAVIN	0.091 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	1
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	0		

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

Other nuts * : walnuts, pecan nuts, pistachio nuts, Brazil nuts, macadamia nuts, chestnuts, pine nuts.

** : excl. fully refined oil/fat

Additional information

Calculations according to CODEX.

Typical Cocoa Content 64.7 %

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).

Printed on 2022/02/04 for customer CLARK ASSOCIATES INC.

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A handwritten signature in black ink that reads 'Kelsy Lindsay'.

Kelsy Lindsay