



CHD-SV-91006-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 : IRREGULAR DARK
Item : CHD-SV-91006-A99

Typical composition

sugar; unsweetened chocolate; cocoa butter; unsweetened chocolate processed with alkali; 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	5410522610208	2.500 KG
Shape		shavings
Amount per box/bag/each		2.5KG/BOX
Amount per pallet		80BOX/PAL

Chemical limits

		Ref.Method
MOISTURE	max 1 %	IOCCC1(1952)

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

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

Item : CHD-SV-91006-A99

for customer 95810

Barry Callebaut USA LLC - Suite 860 600 West Chicago Avenue

CHICAGO IL 60654 - UNITED STATES

2022/02/04 14:12:33

Tel. : +1 312 4967300 Fax.: +1 312 4967399

p. 1 / 3



CHD-SV-91006-A99

Product specification according to the legislation of USA

Microbiological limits

Ref.Method

(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	489 kcal	VITAMIN B2 (DV)	6.7 %
ENERGY VALUE	2,046 kJ	VITAMIN B3/PP NIACIN/NICOTIN	0.649 mg
CALORIES FROM FAT	283 kcal	VITAMIN B3 (DV)	4.1 %
TOTAL PROTEIN	5.2 g	VITAMIN B12 CYANO-COBALAMINE	0.000 µg
PROTEIN (DV)	10.4 %	VITAMIN B12 (DV)	0.0 %
MILK PROTEIN	0.0 g	VITAMIN D CALCIFEROL	1.486 µg
TOTAL CARBOHYDRATES	59.3 g	VITAMIN D (DV)	7.4 %
TOTAL CARBOHYDRATES (DV)	21.6 %	VITAMIN D (IU)	59
SUGARS (MONO+DISACCHARIDES)	46.0 g	VITAMIN E ALPHA-TOCOPHEROL	2.680 mg
ADDED SUGARS	46.0 g	VITAMIN E (DV)	17.9 %
ADDED SUGARS (DV)	91.9 %	VITAMIN E (IU)	4
POLYOLS	0.0 g	FOLATE	10.967 µg
POLYDEXTROSE	0.00 g	FOLATE RDA	2.7 %
STARCH	2.3 g	SODIUM	5.1 mg
TOTAL FAT	33.3 g	SODIUM (DV)	0.2 %
TOTAL FAT (DV)	42.6 %	VITAMIN C L-ASCORBIC ACID	0.000 mg
SATURATED FATTY ACID	19.9 g	VITAMIN C (DV)	0.0 %
SATURATED FATTY ACID (DV)	99.5 %	PHOSPHORUS	164.5 mg
MONO UNSATURATED FATTY ACID	11.0 g	PHOSPHORUS (DV)	13.2 %
POLY UNSATURATED FATTY ACID	0.8 g	CALCIUM	28.9 mg
TRANS FATTY ACID (TFA) TOTAL	0.0 g	CALCIUM (DV)	2.2 %
CHOLESTEROL	0.0 mg	IRON	12.60 mg
CHOLESTEROL (DV)	0.0 %	IRON (DV)	70.0 %
ORGANIC ACIDS	0.65 g	MAGNESIUM	105.0 mg
DIETARY FIBRE	8.2 g	MAGNESIUM (DV)	25.0 %
DIETARY FIBRE (DV)	29.2 %	ZINC	1.43 mg
TOTAL ALKALOIDS	0.53 g	ZINC (DV)	13.0 %
ALCOHOL	0.01 g	IODINE	0.00 µg
POLY HYDROXYPHENOLS	1.28 g	IODINE (DV)	0.0 %
VITAMIN A RETINOL	13.464 µg	CHLORIDE	8.69 mg
VITAMIN A (IU)	45	POTASSIUM	614.8 mg
VITAMIN B1 THIAMIN	0.087 mg	POTASSIUM (DV)	13.1 %
VITAMIN B1 (DV)	7.2 %	ASH CONTENT	1.58 g
VITAMIN B2 RIBOFLAVIN	0.087 mg		

Item : CHD-SV-91006-A99

Barry Callebaut USA LLC - Suite 860 600 West Chicago Avenue

CHICAGO IL 60654 - UNITED STATES

Tel. : +1 312 4967300 Fax.: +1 312 4967399

for customer 95810

2022/02/04 14:12:33

p. 2 / 3



CHD-SV-91006-A99

Product specification according to the legislation of USA

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 53.0 %

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.

Kelsy Lindsay

Item : CHD-SV-91006-A99

for customer 95810

Barry Callebaut USA LLC - Suite 860 600 West Chicago Avenue

CHICAGO IL 60654 - UNITED STATES

2022/02/04 14:12:33

Tel. : +1 312 4967300 Fax.: +1 312 4967399

p. 3 / 3