

Product Specification

Legal denomination : Semi-sweet chocolate
Commercial name : Dark Grand Bowl
Item : CHD-CP-90338-A99
This is a preliminary product specification, not to be used as final product specification

Typical composition

unsweetened chocolate; sugar; cocoa butter; soy lecithin (an emulsifier); natural vanilla extract
Cocoa Horizons Foundation. HORIZONS cocoa ingredients.

Possible allergen cross contact during processing

May contain : Milk

Delivery form

	EAN	Net weight
BOX	840119100266	0.789 KG
Shape		cups
Amount		32pcs/UC
Amount per pallet		96BOX/PAL

Product characteristics

HEIGHT	37.0 - 39.0 mm
DIAMETER	91.0 mm

Chemical limits

		Ref.Method
MOISTURE	max 1 %	IOCCC1(1952)

Physical limits

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



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Microbiological limits

		Ref.Method
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

24 Month (s) after production date

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

ENERGY VALUE	540 kcal	VITAMIN B5	PANTOIC ACID	0.364 mg
ENERGY VALUE	2,260 kJ	VITAMIN B5 (DV)		3.6 %
CALORIES FROM FAT	378 kcal	VITAMIN B6	PYRIDOXIN	0.045 mg
TOTAL PROTEIN	5.5 g	VITAMIN B6 (DV)		2.3 %
PROTEIN (DV)	11.0 %	VITAMIN B12	CYANO-COBALAMINE	0.000 µg
MILK PROTEIN	0.0 g	VITAMIN B12 (DV)		0.0 %
TOTAL CARBOHYDRATES	48.6 g	VITAMIN D	CALCIFEROL	1.994 µg
TOTAL CARBOHYDRATES (DV)	16.2 %	VITAMIN D (DV)		19.9 %
SUGARS (MONO+ DISACCHARIDES)	34.5 g	VITAMIN D (IU)		80
POLYOLS	0.0 g	VITAMIN E	ALPHA-TOCOPHEROL	3.589 mg
POLYDEXTROSE	0.00 g	VITAMIN E (DV)		12.0 %
STARCH	2.4 g	VITAMIN E (IU)		5
TOTAL FAT	44.0 g	VITAMIN H	BIOTIN	0.000 mg
TOTAL FAT (DV)	67.6 %	VITAMIN H (DV)		0.0 %
SATURATED#FATTY#ACID	26.4 g	VITAMIN M	FOLIC ACID	8.962 µg
SATURATED#FATTY#ACID (DV)	131.8 %	VITAMIN M (DV)		2.2 %
#MONO#UNSATURATED#FATTY#ACID	14.4 g	SODIUM		4.7 mg
#POLY UNSATURATED#FATTY#ACID	1.2 g	SODIUM (DV)		0.2 %
TRANS FATTY ACID (TFA) TOTAL	0.0 g	VITAMIN C	L-ASCORBIC ACID	0.000 mg
CHOLESTEROL	0.0 mg	VITAMIN C (DV)		0.0 %
CHOLESTEROL (DV)	0.0 %	PHOSPHORUS		174.8 mg
ORGANIC ACIDS	0.72 g	PHOSPHORUS (DV)		21.8 %
DIETARY FIBRE	8.7 g	CALCIUM		30.6 mg
DIETARY FIBRE (DV)	34.7 %	CALCIUM (DV)		3.1 %
TOTAL ALKALOIDS	0.56 g	IRON		13.13 mg
ALCOHOL	0.00 g	IRON (DV)		73.0 %
POLY HYDROXYPHENOLS	1.38 g	MAGNESIUM		110.3 mg
VITAMIN A	RETINOL	MAGNESIUM (DV)		27.6 %

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VITAMIN A (DV)	1.2 %	ZINC	1.52 mg
VITAMIN A (IU)	60	ZINC (DV)	10.1 %
PROVITAMIN A BETA-CAROTENE	0.000 µg	IODINE	0.00 µg
VITAMIN B1 THIAMIN	0.091 mg	IODINE (DV)	0.0 %
VITAMIN B1 (DV)	6.1 %	CHLORIDE	9.02 mg
VITAMIN B2 RIBOFLAVIN	0.091 mg	POTASSIUM	493.8 mg
VITAMIN B2 (DV)	5.4 %	POTASSIUM (DV)	14.1 %
VITAMIN B3/PP NIACIN/NICOTIN	0.700 mg	ASH CONTENT	1.28 g
VITAMIN B3 (DV)	3.5 %		

Additional allergens and other information

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	1
CORN	0		

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

"Suitable for vegans" is based on ingredients list and does not take into account possible cross contact during production.

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

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Kosher certification

Kosher Dairy

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

Printed on 2019/06/20



Kelsy Lindsay

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