

CHW-DR-2010602-036

Product specification according to the legislation of USA

RADER FOODS, INC.
16390 N.W. 52ND AVENUE
MIAMI FL 33014
UNITED STATES

Product Specification

Legal denomination :	White chocolate		
Certification	Certified HALAL Crescent M by IFANCA		
Commercial name :	Ultimate		
	Chip - White 4000		
Item :	CHW-DR-2010602-036	Reference :	700850-436

Typical composition

sugar; cocoa butter; whole milk powder; nonfat dry milk; milkfat; soy lecithin; natural vanilla extract

Delivery form

	EAN	Net weight	Gross weight
BOX	20842106029	13.608 KG	14.232 KG
Shape		Chips	
Amount		4000CT/LB	
Amount per box/bag/each		30LB/BOX	
Amount per pallet		70BOX/PAL	

Product characteristics

COUNT PER POUND	3,800 - 4,200
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Chemical limits

			Ref.Method
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	27.7 %	+/- 1.0	IOCCC14(1972)

Physical limits

		Ref.Method
FINENESS (MICROMETER)	25.0 - 37.0 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

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Microbiological limits

		Ref.Method
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	519 kcal	VITAMIN B3 (DV)	0.0 %
ENERGY VALUE	2,173 kJ	VITAMIN B5 PANTOIC ACID	0.591 mg
CALORIES FROM FAT	245 kcal	VITAMIN B5 (DV)	11.8 %
TOTAL PROTEIN	6.0 g	VITAMIN B6 PYRIDOXIN	0.048 mg
PROTEIN (DV)	12.0 %	VITAMIN B6 (DV)	2.8 %
MILK PROTEIN	6.0 g	VITAMIN B12 CYANO-COBALAMINE	0.377 µg
TOTAL CARBOHYDRATES	64.2 g	VITAMIN B12 (DV)	15.7 %
TOTAL CARBOHYDRATES (DV)	23.4 %	VITAMIN D CALCIFEROL	1.081 µg
SUGARS (MONO+DISACCHARIDES)	63.5 g	VITAMIN D (DV)	5.4 %
ADDED SUGARS	54.8 g	VITAMIN D (IU)	43
ADDED SUGARS (DV)	109.6 %	VITAMIN E ALPHA-TOCOPHEROL	2.035 mg
POLYOLS	0.0 g	VITAMIN E (DV)	13.6 %
POLYDEXTROSE	0.00 g	VITAMIN E (IU)	3
STARCH	0.0 g	VITAMIN H BIOTIN	0.002 mg
TOTAL FAT	27.7 g	VITAMIN H (DV)	0.1 %
TOTAL FAT (DV)	35.6 %	VITAMIN M FOLIC ACID	7.183 µg
SATURATED FATTY ACID	16.7 g	VITAMIN M (DV)	1.8 %
SATURATED FATTY ACID (DV)	83.3 %	SODIUM	63.7 mg
MONO UNSATURATED FATTY ACID	8.9 g	SODIUM (DV)	2.8 %
POLY UNSATURATED FATTY ACID	0.9 g	VITAMIN C L-ASCORBIC ACID	0.342 mg
TRANS FATTY ACID (TFA) TOTAL	0.1 g	VITAMIN C (DV)	0.4 %
CHOLESTEROL	12.2 mg	PHOSPHORUS	132.9 mg
CHOLESTEROL (DV)	4.1 %	PHOSPHORUS (DV)	10.6 %
ORGANIC ACIDS	0.38 g	CALCIUM	156.6 mg
DIETARY FIBRE	0.0 g	CALCIUM (DV)	12.0 %
DIETARY FIBRE (DV)	0.0 %	IRON	0.31 mg
TOTAL ALKALOIDS	0.00 g	IRON (DV)	1.7 %

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ALCOHOL	0.05 g	MAGNESIUM	14.6 mg
POLY HYDROXYPHENOLS	0.00 g	MAGNESIUM (DV)	3.5 %
VITAMIN A RETINOL	20.117 µg	ZINC	0.57 mg
VITAMIN A (DV)	2.2 %	ZINC (DV)	5.2 %
VITAMIN A (IU)	67	IODINE	4.55 µg
PROVITAMIN A BETA-CAROTENE	5.795 µg	IODINE (DV)	3.0 %
VITAMIN B1 THIAMIN	0.058 mg	CHLORIDE	139.41 mg
VITAMIN B1 (DV)	4.9 %	POTASSIUM	228.8 mg
VITAMIN B2 RIBOFLAVIN	0.373 mg	POTASSIUM (DV)	4.9 %
VITAMIN B2 (DV)	28.7 %	ASH CONTENT	1.28 g
VITAMIN B3/PP NIACIN/NICOTIN	0.000 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, 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

24.1 %

Storage conditions

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

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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. Fairtrade ingredients: cocoa, sugar and vanilla (if applicable)
Fair Trade Sourced Ingr Cocoa	Any reference to Fairtrade / FSI requires a valid Fairtrade certificate. FSI cocoa Fairtrade ingredients: cocoa
Fair Trade Sourced Ingr Sugar	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.

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Nova Guertin