

VM-54621-V17

Product specification according to the legislation of EU

SEPHRA EUROPE LTD
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Product Specification

Legal denomination :	Drink powder with milk chocolate (93.6%) and vegetable concentrates
Certification	Any reference to Fairtrade (FT) requires a valid Fairtrade certificate. Traded to Fairtrade Standards.
Commercial name :	Ground Ruby
Article :	VM-54621-V17
Commodity code for EU :	1806.2050 20

Typical composition

sugar 44.0%; whole **milk** powder 15.5%; cocoa butter 15.0%; cocoa mass 9.0%; skimmed **milk** powder 8.5%; red beet concentrate 3.0%; whey powder (**milk**) 2.5%; acid: citric acid <1%; carrot concentrate <1%; natural vanilla flavouring <1%

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

Fairtrade ingredients: cocoa, sugar and vanilla (if applicable)

Delivery form

	EAN	Net weight
UC	7340161404907	1.000 KG
BOX	27340161404901	10.000 KG
Amount		1KG/UC
Amount per box/bag/each		10UC/BOX
Amount per pallet		72BOX/PAL
Order quantity 10 KG (or multiply of this)		

Packaging information

Packaging unit	Packaging material	Identification code
UC	Bag	07-O
BOX	Box	20-PAP

Chemical limits

			Ref.Method
MOISTURE	max 4 %		IOCCC1(1952)
TOTAL FAT CONTENT	24.5 %	+/- 1.0	IOCCC14(1972)

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Physical limits		Ref.Method
BULK DENSITY (UNTAPPED)	0.60 - 0.70 g/cm³	IDF 134:2005
BULK DENSITY (TAPPED X100)	0.69 - 0.79 g/cm³	IDF 134:2005

Microbiological limits		Ref.Method
TOTAL PLATE COUNT (CC)	max 10,000/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	not detected/g	ISO16649-2
SALMONELLAE	not detected/375g	ISO6579-1

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
18 Month (s) after production date under below recommended storage conditions

Nutritional data for 100g (by calculation based on literature data)				
ENERGY VALUE	503 kcal	VITAMIN C	L-ASCORBIC ACID	0.506 mg
ENERGY VALUE RI	25.1 %	VITAMIN C RI		0.6 %
ENERGY VALUE	2,103 kJ	VITAMIN D	CALCIFEROL	0.952 µg
TOTAL FAT	24.5 g	VITAMIN D RI		19.0 %
TOTAL FAT RI	35.0 %	VITAMIN D (IU)		38
SATURATED FATTY ACID	14.8 g	VITAMIN E	ALPHA-TOCOPHEROL	1.619 mg
SATURATED FATTY ACID RI	74.1 %	VITAMIN E RI		13.5 %
MONO UNSATURATED FATTY ACID	7.8 g	VITAMIN E (IU)		2
POLY UNSATURATED FATTY ACID	0.7 g	FOLATE		10.202 µg
TRANS FATTY ACID (TFA) TOTAL	0.3 g	FOLATE RI		5.1 %
CHOLESTEROL	16.9 mg	PHOSPHORUS		233.4 mg
AVAILABLE CARBOHYDRATES	60.4 g	PHOSPHORUS RI		33.3 %
AVAILABLE CARBOHYDRATES RI	23.2 %	IRON		2.22 mg
SUGARS (MONO+DISACCHARIDES)	56.4 g	IRON RI		15.9 %
SUGARS (MONO+DISACCHARIDES) RI	62.7 %	MAGNESIUM		46.2 mg
POLYOLS	0.0 g	MAGNESIUM RI		12.3 %
STARCH	0.4 g	ZINC		1.15 mg
DIETARY FIBRE	1.4 g	ZINC RI		11.5 %
TOTAL PROTEIN	8.1 g	IODINE		6.32 µg
PROTEIN RI	16.3 %	IODINE RI		4.2 %
MILK PROTEIN	7.3 g	CALCIUM		246.9 mg
SALT	0.26 g	CALCIUM RI		30.9 %

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Barry Callebaut Sweden AB - Böketoftavägen 23	
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SALT RI	4.4 %	CHLORIDE	194.74 mg
SODIUM	105.6 mg	CHLORIDE RI	24.3 %
ORGANIC ACIDS	1.67 g	POTASSIUM	436.6 mg
TOTAL ALKALOIDS	0.11 g	POTASSIUM RI	21.8 %
POLY HYDROXYPHENOLS	0.52 g	MANGANESE	0.02 mg
ALCOHOL	0.00 g	MANGANESE RI	0.8 %
VITAMIN A RETINOL	44.835 µg	FLUORIDE	0.02 mg
VITAMIN A (IU)	149	FLUORIDE RI	0.7 %
VITAMIN B1 THIAMIN	0.108 mg	SELENIUM	3.44 µg
VITAMIN B1 RI	9.8 %	SELENIUM RI	6.3 %
VITAMIN B2 RIBOFLAVIN	0.600 mg	CHROMIUM	9.49 µg
VITAMIN B2 RI	42.9 %	CHROMIUM RI	23.7 %
VITAMIN B3/PP NIACIN/NICOTIN	0.135 mg	MOLYBDENUM	13.65 µg
VITAMIN B3 RI	0.8 %	MOLYBDENUM RI	27.3 %
VITAMIN B12 CYANO-COBALAMINE	0.581 µg	ASH CONTENT	2.16 g
VITAMIN B12 RI	23.2 %		

RI = Reference Intake

Allergens: presence as ingredient or through cross contact on production line			
MILK PRODUCTS (EXCL. LACTITOL)	1	OATS	0
LACTOSE	1	RYE	0
EGGS AND PRODUCTS THEREOF	0	BARLEY (EXCL. GLUCOSE SYRUP)	0
SOY*	0	WHEAT IN. SPELT, EX. GL. SYRUP	0
FISH (INCL. SQUID)	0	HYBRIDIZED STRAINS OF CEREALS	0
CRUSTACEAE (INCL. SHRIMP/PRAWN, CRAB)	0	HAZELNUTS/FILBERTS (CORYLUS VAR.)*	0
SULPHUR DIOXIDE/ SULPHITES IN CONC	0	ALMONDS*	0
CELERY PRODUCTS	0	BRAZIL NUT*	0
PEANUTS*	0	CASHEW NUT*	0
FULLY REFINED PEANUT OIL/FAT	0	MACADAMIA/BUSH/QUEENSLAND NUT*	0
SESAME PRODUCTS (INCL. OIL/FAT)	0	PECAN NUT*	0
MUSTARD PRODUCTS	0	PISTACHIO*	0
LUPIN	0	WALNUT*	0
MOLLUSCS (INCL. ABALONE)	0	F. REF. NUT OIL/FAT,EX. PEANUT	0
Legend : 1 = present 0 = absent			
*: excluding fully refined oil/fat			

Other substances of interest			
BEEF	0	CHESTNUT (CASTANEA VARIETIES)*	0
PORK	0	PINE/PINON/PIGNOLI NUTS (PINUS VAR.)*	0
CHICKEN	0	PILI NUT*	0
FRUCTOSE	1	SHEANUT*	0
MAIZE	1	HEARTNUT*	0

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Other substances of interest

VANILLIN	1	CHINQUAPIN*	0
ALCOHOL	0	LYCHEE NUT*	0
ASPARTAME	0	BEECH NUT*	0
BUCKWHEAT	0	BUTTERNUT*	0
GLUTEN>20 PPM	0	COCONUT*	0
BARLEY BASED GLUCOSE SYRUP	0	HICKORY NUT*	0
WHEAT B. GLUC. SYRUP INC. DEX.	0	LACTITOL	0
FULLY REFINED SOYBEAN OIL/FAT	0		
Legend : 1 = present 0 = absent			
*: excluding fully refined oil/fat			

Dietary suitability information

SUITABLE FOR VEGETARIANS	1	SUITABLE FOR VEGANS	0
Legend : 1 = suitable 0 = not suitable			
"Suitable for vegans" is based on ingredients list and does not take into account possible cross contact during production.			

Storage conditions

Store the product in a clean, dry (relative humidity max.70 %) and odourless environment.
Recommended storage temperature: < 25 °C

Kosher certification

Kosher : None

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