

Cocoa Powder Product Specification



General Information

		Comment
Legal Denomination	Fat reduced cocoa powder	
Commercial Name	Alkalized – Reddish Brown Cocoa Powder	
Article	523092024	
Commodity Code for EU	1805.0000	

Typical Composition

Fat reduced cocoa powder

Delivery Form

	Net Weight
BG	3.400 kg
Amount per box/bag/each	25 kg/bag
Amount per pallet	30 bag/pal
Order quantity 25 kg (or multiply of this)	

Product Characteristic

Appearance:	Brown
Color:	Reddish Brown
Smell and Taste:	Typical for a Cocoa Powder without off-taste

		Comment
Appearance	Solid (ambient), Liquid (>35°C)	
Color	Reddish Brown	
Taste	Typical, no off flavors	
Odor	Typical, no off flavors	

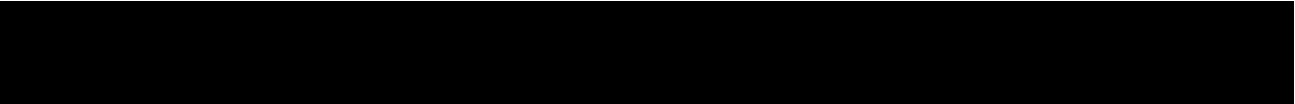
Chemical and Physical Parameters

		Result	Standard	UOM	Method	Comment
Free Fatty Acids	as Oleic Acid	1.71	Max. 1.75	%	SNI	
Moisture Content		0.15	Max.0.20	%	SNI	
Iodine Value		34.9	33-42	gI2/100g	SNI	
Peroxide Value	-	0.82	Max. 4.0	N.A.	SNI	
Unsaponifiable Matter	-	0.24	Max. 0.35	%	SNI	
Saponification Value	-	197.122	188 - 198	mg KOH/g Fat	SNI	
		Result	Standard	UOM	Method	Comment
Refractive Index		1.4587	1.4560 – 1.4590	N.A.	SNI	

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Specific Weight	at 35 °C			kg/m³	SNI	
Melting Behavior	Slip Point	34.4	31 - 35	°C	SNI	

Chemical Parameters

	Result	Standard	UOM	Method	Comment
Fat	13.68	Min. 10.00	%	SNI	
Moisture	4.91	Max. 5.00	%	SNI	
Ph	7.2	6.8 – 7.2	-	SNI	
Fineness	99.92	Min. 99.5	%	SNI	
Shell Content	1.39	Max. 1.75	%	SNI	

Microbiological Analysis

	Result	Standard	UOM	Method	Comment
Total Aerobic Plate Count	1450	Max. 5000	CFU/g	SNI	
Yeasts	13	Max. 50	CFU/g	SNI	
Moulds	<10	Max. 50	CFU/g	SNI	
Coliform	<3	Max. 30	MPN/g	SNI	
E. Coli	Negative	Absent	/g	SNI	
Salmonella	Negative	Absent	/25 g	SNI	

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

ENERGY VALUE	314 kcal	VITAMIN B12 RI	0,0 %
ENERGY VALUE RI	15,7 %	VITAMIN C L-ASCORBIC ACID	0,000 mg
ENERGY VALUE	1.313 kJ	VITAMIN C RI	0,0 %
TOTAL FAT	11,0 g	VITAMIN D CALCIFEROL	0,500 µg
TOTAL FAT RI	15,7 %	VITAMIN D RI	10,0 %
SATURATED FATTY ACID	6,6 g	VITAMIN D (IU)	20
SATURATED FATTY ACID RI	33,1 %	VITAMIN E ALPHA-TOCOPHEROL	0,800 mg
MONO UNSATURATED FATTY ACID	3,6 g	VITAMIN E RI	6,7 %
POLY UNSATURATED FATTY ACID	0,3 g	VITAMIN E (IU)	1
TRANS FATTY ACID (TFA) TOTAL	0,0 g	VITAMIN M FOLIC ACID	41,400 µg
CHOLESTEROL	0,0 mg	VITAMIN M RI	20,7 %
AVAILABLE CARBOHYDRATES	10,8 g	PHOSPHORUS	722,7 mg
AVAILABLE CARBOHYDRATES RI	4,2 %	PHOSPHORUS RI	103,2 %
SUGARS (MONO+DISACCHARIDES)	0,5 g	IRON	42,00 mg
SUGARS (MONO+DISACCHARIDES) RI	0,6 %	IRON RI	300,0 %
POLYOLS	0,0 g	MAGNESIUM	456,1 mg
STARCH	10,0 g	MAGNESIUM RI	121,6 %
DIETARY FIBRE	36,0 g	ZINC	6,40 mg
TOTAL PROTEIN	22,7 g	ZINC RI	64,0 %
PROTEIN RI	45,4 %	IODINE	0,00 µg
MILK PROTEIN	0,0 g	IODINE RI	0,0 %
SALT	0,05 g	CALCIUM	125,6 mg
SALT RI	0,8 %	CALCIUM RI	15,7 %
SODIUM	18,9 mg	CHLORIDE	35,20 mg
ORGANIC ACIDS	2,90 g	CHLORIDE RI	4,4 %
TOTAL ALKALOIDS	2,34 g	POTASSIUM	1.500 mg
POLY HYDROXYPHENOLS	5,70 g	POTASSIUM RI	75,0 %
CAFFEINE	0,23 g	MANGANESE	0,00 mg
THEOBROMINE	2,11 g	MANGANESE RI	0,0 %
ALCOHOL	0,00 g	FLUORIDE	0,12 mg
VITAMIN A RETINOL	4,100 µg	FLUORIDE RI	3,4 %
VITAMIN A (IU)	14	SELENIUM	4,60 µg
VITAMIN B1 THIAMIN	0,400 mg	SELENIUM RI	8,4 %
VITAMIN B1 RI	36,4 %	CHROMIUM	60,00µg
VITAMIN B2 RIBOFLAVIN	0,400 mg	CHROMIUM RI	150,0 %
VITAMIN B2 RI	28,6 %	MOLYBDENUM	73,00 µg
VITAMIN B3/PP NIACIN/NICOTIN	2,900 mg	MOLYBDENUM RI	146,0 %
VITAMIN B3 RI	18,1 %	ASH CONTENT	5,06 g
VITAMIN B12 CYANO-COBALAMINE	0,000 µg		

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Additional Allergen Information: Presence as Ingredient or through Cross Contact on Production Line

MILK PRODUCTS (EXCL. LACTITOL)	0	HAZELNUTS, ALMONDS	0
LACTOSE	0	HAZELNUT OIL, ALMOND OIL	0
EGGS AND PRODUCTS THEREOF	0	OTHER NUTS *	0
SOY**	0	PEANUTS **	0
FULLY REFINED SOYBEAN OIL/FAT	0	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	SULPHUR DIOXIDE/ SULPHITES IN CONC	0
BUCKWHEAT	0	VANILLIN	0
BEEF	0	CELERY PRODUCTS	0
PORK	0	ALCOHOL	0
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
MAIZE	0		

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

Other nuts * : walnuts, pecan nuts, cashew nuts, pistachio nuts, Brazil nuts, macadamia nuts.

** : excl. fully refined oil/fat

"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 clear, dry (relative humidity max. 70%) and odorless environment

Storage temperature: below 24°C

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Ida Bagus Agung Bayuvudha

Allergens:-When purchased in bulk size original packaging, manufacturer allergen policy will apply. When purchased in quantities that need re-packaging, our allergen policy will apply.						
Component	Manufacturer			Nuts in Bulk (Applies when bought in small quantities that need re-packaging)		
	In Product	Processed in Same Equipment	Handled on Site	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	NO	NO	NO	YES	YES
EGGS or its derivatives	NO	NO	NO	NO	NO	NO
FISH or its derivatives	NO	NO	NO	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO	NO	NO	NO
MOLLUSCS	NO	NO	NO	NO	NO	NO
PEANUTS or derivatives	NO	NO	NO	NO	YES	YES
SOYA BEANS or derivatives	NO	NO	NO	NO	YES	YES
MILK (LACTOSE) or its derivatives	NO	NO	NO	NO	YES	YES
NUTS , tree nuts:	NO	NO	NO	NO	YES	YES
CELERY, including celeriac and its derivatives	NO	NO	NO	NO	YES	YES
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	NO	NO	NO	YES	YES
SESAME SEEDS or derivatives	NO	NO	NO	NO	YES	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	NO	NO	NO	YES	YES
LUPIN seeds or derivatives	NO	NO	NO	NO	NO	NO