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13 Robbie Road, Suite A4, Avon, MA 02322

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# MYCRYO COCOA BUTTER POWDER AAOX

## Product Specification

Product Name :	Cacao Barry Mycryo Cocoa Butter Powder
Product Sku :	AAOX
Legal denomination :	Cocoa butter
Commercial name :	MYCRYO

## Typical composition

cocoa butter

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

## Product characteristics

Appearance : yellow

## Chemical limits

		Ref.Method
MOISTURE	max 0.10 %	IOCC1(1952)
UNSATURATED CONTENT	max 0.35 -	OICCC 102 (1988)
PEROXIDE VALUE (MEQ/KG)	max 3.0 -	IUPAC-2-501
FREE FATTY ACIDS	max 1.75 %	OICC

## Physical limits

Not specified.

## Ref.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 (AOAC, Microval, AFNOR e.g.) and complimentary internal validation study on cocoa and chocolate matrices.

## Shelf life

12 Month (s) after production date

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

ENERGY VALUE	884 kcal	VITAMIN B2 RIBOFLAVIN	0.000 mg
ENERGY VALUE	3,699 kJ	VITAMIN B2 (DV)	0.0 %
CALORIES FROM FAT	884 kcal	VITAMIN B3/PP NIACIN/NICOTIN	0.000 mg
TOTAL PROTEIN	0.0 g	VITAMIN B3 (DV)	0.0 %
PROTEIN (DV)	0.0 %	VITAMIN B12 CYANO-COBALAMINE	0.000 µg
MILK PROTEIN	0.0 g	VITAMIN B12 (DV)	0.0 %
TOTAL CARBOHYDRATES	0.0 g	VITAMIN D CALCIFEROL	4.500 µg
TOTAL CARBOHYDRATES (DV)	0.0 %	VITAMIN D (DV)	22.5 %
SUGARS (MONO+DISACCHARIDES)	0.0 g	VITAMIN D (IU)	180
ADDED SUGARS	0.0 g	VITAMIN E ALPHA-TOCOPHEROL	8.000 mg
ADDED SUGARS (DV)	0.0 %	VITAMIN E (DV)	53.3 %
POLYOLS	0.0 g	VITAMIN E (IU)	12
POLYDEXTROSE	0.00 g	VITAMIN M FOLIC ACID	15.000 µg
STARCH	0.0 g	VITAMIN M (DV)	3.8 %
TOTAL FAT	100.0 g	SODIUM	0.0 mg
TOTAL FAT (DV)	128.2 %	SODIUM (DV)	0.0 %
SATURATED FATTY ACID	60.2 g	VITAMIN C L-ASCORBIC ACID	0.000 mg
SATURATED FATTY ACID (DV)	300.9 %	VITAMIN C (DV)	0.0 %
MONO UNSATURATED FATTY ACID	32.5 g	PHOSPHORUS	0.0 mg
POLY UNSATURATED FATTY ACID	2.9 g	PHOSPHORUS (DV)	0.0 %
TRANS FATTY ACID (TFA) TOTAL	0.0 g	CALCIUM	0.0 mg
CHOLESTEROL	0.0 mg	CALCIUM (DV)	0.0 %
CHOLESTEROL (DV)	0.0 %	IRON	0.00 mg
ORGANIC ACIDS	0.00 g	IRON (DV)	0.0 %
DIETARY FIBRE	0.0 g	MAGNESIUM	0.0 mg
DIETARY FIBRE (DV)	0.0 %	MAGNESIUM (DV)	0.0 %
TOTAL ALKALOIDS	0.00 g	ZINC	0.00 mg
CAFFEINE	0.00 g	ZINC (DV)	0.0 %
THEOBROMINE	0.00 g	IODINE	0.00 µg
ALCOHOL	0.00 g	IODINE (DV)	0.0 %
POLY HYDROXYPHENOLS	0.00 g	CHLORIDE	0.00 mg
VITAMIN A RETINOL	41.000 µg	POTASSIUM	0.0 mg
VITAMIN A (IU)	137	POTASSIUM (DV)	0.0 %
VITAMIN B1 THIAMIN	0.000 mg	ASH CONTENT	0.00 g
VITAMIN B1 (DV)	0.0 %		

### Fatty acids composition:

Palmitic acid (%) C16 0	= 24 - 29 %	
Stearic acid (%) C18 0	= 32 - 37 %	
Oleic acid (%) C18 1	= 30 - 37 %	
Linoleic acid (%) C18 2	= < 2.9 %	Omega 6
Linolenic acid (%) 18 3	= < 0.1 %	Omega 3
Arachidic acid (%) C20 0	= 1 - 2 %	

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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	OTHER NUTS *	0
EGGS AND PRODUCTS THEREOF	0	HAZELNUT OIL, ALMOND OIL	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	SULPHITE	0
BUCKWHEAT	0	VANILLIN	0
BEEF	0	CELERY PRODUCTS	0
PORK	0	ALCOHOL	0
CHICKEN	0	ASPARTAME	0
FISH (INCL. SQUID)	0	FRUCTOSE	0
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

## 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

None