

PRODUCT SPECIFICATIONS

Cocoa Powder

Product Category	Alkalized
Product Type	Reddish brown
Product Code	AADE
Physical and Chemical Characteristics:	
pH	7.5-7.9
Fat Content (%)	20 – 24
Fineness, (%< 75µm)	99.5min. (wet method, through 200 mesh sieve)
Moisture (%)	5.0 max.
Shell Content (%)	1.75max (Shell in Nib after Winnowing)
Color	Reddish brown
Flavor	Full rounded cocoa
Microbiological Characteristics:	
Total Plate Count / g	5,000 max.
Yeast / g	50 max.
Mould / g	50 max.
Enterobacteriaceae / g	Negative
Coliforms / g	Negative
<i>E. coli</i> / g	Negative
<i>Salmonellae</i> / 375g	Negative

OPTIMUM STORAGE CONDITIONS:

Temperature: 15-20°C (58-68°F), RH: <60% in clean, dry, well ventilated storage, away from sunlight and free from strong odors.

SHELF LIFE:

24 months from date of manufacture, keeping in original packaging and under optimum storage conditions.

PACKAGING:

25 kg/50lbs net weight pack in poly-lined, multi-walled Kraft paper bags; palletized.

1,000kg net weight, pack in Polypropylene fabric bulk bag; palletized; wrapped in plastic liner.

Bags will be labeled with product type, production code/Lot number, net weight, production date and shelf life

PRODUCTION CODE EXPLANATION:

The production code is made up of 11 (eleven) digits and is compose as follows:

E xx x xxx x xxx E : Entity (eg. 1 for JBCM; 5 for JBKK)
x YY x xxx x xxx YY : Year (eg. 10 for 2010)
x xx M xxx x xxx M : Month (eg. 2 for Feb; A,B,C for Oct, Nov, Dec)
x xx x LLL x xxx LLL : Lot number (eg. 087 for pure liquor lot; A56 for dumping lot)
x xx x xxx P xxx P : Packaging size (eg. 8 for 25KG; 6 for 50lbs)
x xx x xxx Xxx X : Powder Plant 1 (PPPL1) / Powder Plant 2 (PPPL2) (eg. 0 for PPPL1; 2 for PPPL2)
x xx x xxx x xSS SS : Pallet sequence (eg. 99 for 99th pallet)

The product is produced from non-GMO materials, with steam sterilization and processed in accordance to Good Manufacturing Practice (GMP) & HACCP Food Safety Control. It is edible grade and is fit for human consumption.

These specifications apply to an average sample covering the goods when they leave the production plant. They are analyzed based on the methods of analysis as described in ICA and AOAC.



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ALLERGEN FREE DECLARATION

We hereby confirm our Black Cocoa Powder 10/12 does not contain any known allergen and it is produced using raw materials and processing aids which are also allergen free as per the list below.

Yes	No	List of Allergen
	√	Cereals containing gluten (wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof
	√	Crustaceans and products thereof
	√	Eggs and products thereof
	√	Fish and products thereof
	√	Peanuts and products thereof
	√	Soybeans and products thereof
	√	Milk and products thereof
	√	Nuts : Almond (<i>Amygdalus communis L</i>), hazelnut (<i>Corylus avellana</i>), walnut (<i>Juglans regia</i>), cashew (<i>Anacardium occidentale</i>), pecan (<i>Carya illinoinesis</i> (Wangenh.) K Koch), brazil (<i>Bertholletia excelsa</i>), pistachio (<i>Pistacia vera</i>), macadamia and Queensland (<i>Macadamia ternifolia</i>) and products thereof
	√	Celery and products thereof
	√	Lupin and products thereof
	√	Molluscs and products thereof
	√	Mustard and products thereof
	√	Sesame seeds and products thereof
	√	Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO ₂

Certified to the best of our knowledge and belief, without liability on our part that the information contain herein a to be accurate and reliable on the date of issued.



INDICATIVE NUTRITIONAL INFORMATION

Reddish Brown Cocoa Powder

Main Components

Fat	23.8	g/100g
Moisture	2.0	g/100g
Protein	20.1	g/100g
Total Carbohydrates	36.6	g/100g
Ash	17.4	g/100g

Fat

Saturated	13.9	g/100g
Mono-unsaturated	8.3	g/100g
Poly-unsaturated	1.6	g/100g

Carbohydrates

Total Dietary Fiber	19.9	g/100g
Soluble Dietary Fiber	6.2	g/100g
Insoluble Fiber	13.7	g/100g
Sugar	6.4	g/100g
Starch	10.1	g/100g
Organic Acid	8.2	g/100g

Others

Cholesterol	1.3	mg/100g
Caffeine	0.14	g/100g
Theobromine	1.39	g/100g

Mineral

Calcium	261.9 mg/100g
Chloride	25.8 mg/100g
Magnesium	214.0 mg/100g
Phosphorus	407.4 mg/100g
Potassium	4522 mg/100g
Sodium	51.5 mg/100g

Vitamins

Vitamin A	ND(<3) IU/100g
Vitamin B1	ND(<0.1) mg/100g
Vitamin B2	ND(<0.1) mg/100g
Vitamin B3	0.11 mg/100g
Vitamin C	ND(<1) mg/100g
Vitamin E	3.19 IU/100g

Trace Elements

Copper	3.1 mg/100g
Iron	32.3 mg/100g
Zinc	5.9 mg/100g

Energy in 100g *

kcal	441
kJ	1845
kcal from fat	214
kJ from fat	895

*by calculation