

Freeze Dried Instant Coffee Specification

Physical and Chemical Characteristics Blend 507FD (Café Etc. Continental Blend 500g & 750g)

Country of Origin: More than one country

Composition: A soluble extract of pure roasted Arabica and Robusta coffee beans.

Taste: To match the agreed standard, and to be free from any non-coffee taints or odours.

Particle Size Analysis

5% maximum more than 4000 micron
20 - 40% between 4000 - 2000 micron
40 - 70% between 1000 - 2000 micron
10 - 20% between 500 - 1000 micron
5% maximum less than 500 micron

Bulk Density (Tapped)

240 – 290g/l (Box)

Chemical Analysis

Moisture

<5% Karl Fischer Method
DIN-ISO 10772 part 2:1986

OTA

<10 ppb HPLC
Commission Directive 2002/26/EC ECF
Circular 05/02/2004

Microbiological Standards cfu/g

TVC	<30000 cfu/g
Coliforms	<10 cfu/g
Yeasts and Moulds	<1000 cfu/g
Faecal Strep.	<100 cfu/g

Heavy Metals (max levels)

Lead	≤ 1ppm
Tin	≤ 200ppm
Cadmium	≤ 1ppm
Arsenic	≤ 1ppm

Colour

Internal Standard.

Caffeine Content

Not Less than 2% or greater than 5%

Solubility

2 grams of coffee must be soluble in 150ml of hot water (60-70°C) within 30 secs. with gentle stirring. To have a sediment level between A1 and B1 .

Carbohydrates - AFCASOLE

Free sugars -	Fructose	<0.60%
Total Sugars -	Glucose	<2.10%
-	Xylose	<0.40%

Shelf Life

24 months

GM / Intolerance Data

This product is free from genetically modified foods and is produced in a factory that is free from nuts and nut products.

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Nutritional Information – Composition Instant Coffee per edible portion

	Per 100g	Per Serving 2.0g	State analytical or theoretical (specify method/source of theoretical data)
Water g	3.4	0.07	
ENERGY kJ	320	6.4	
ENERGY kcals	75	1.5	
PROTEIN g	14.6	0.3	
CARBOHYDRATE g	4.5	0.09	Theoretical:- McCance & Widdowsons 6 th Edition, Revised
of which TOTAL SUGARS g	0	0	
STARCH g	4.5	0.09	
FAT g	Tr	0	
Of which SATURATES g	Tr	0	
DIETARY FIBRE g	0	0	Englyst
SODIUM mg	81	1.6	

Vitamins and Minerals

	Per 100g	Per Serving 2g	% RDA per serving	State analytical or theoretical (specify method/source of theoretical data)
VITAMIN A ug	0	0	0	Theoretical:- McCance & Widdowsons 6 th Edition, Revised
VITAMIN D ug	0	0	0	
VITAMIN E mg	Tr	Tr	0	
VITAMIN C mg	0	0	0	
THIAMIN mg	0.04	Tr	0	
RIBOFLAVIN mg	0.21	Tr	0	
NIACIN mg	24.8	0.5	3	
VITAMIN B6 mg	0.02	Tr	0	
FOLATE ug	11	0.2	0	
VITAMIN B12 ug	0.4	Tr	0	
BIOTIN mg	67	1.3	0.9	
PANTOTHENATE mg	Tr	Tr	0	
CALCIUM mg	140	3	0	
PHOSPHORUS mg	310	62	8	
IRON mg	4.6	Tr	0	
MAGNESIUM mg	330	7	2	
ZINC mg	1.1	Tr	0	
IODINE ug	Tr	Tr	0	

GUIDELINE DAILY AMOUNTS

Guideline Daily Amounts for an Average Adult							
			Per 2.0g Portion	(GDA%)	Per 2.0g Portion	(GDA %)	
		Women	Men	Women		Men	
Calories		2000	2500	1.5	(0.1%)	1.5	(0.08 %)
Fat		70 g	95 g	0g	(0%)	0g	(0 %)
Salt		5.0 g	7.0 g	0g	(0%)	0g	(0 %)
Fibre		18 g		0.36g	(0%)	0.36g	(0 %)

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Allergen Data		
Are the following allergens and their derivatives present in the product formulation	Yes	No
Cereals containing gluten		3
Crustaceans		3
Fish		3
Eggs		3
Lupine		3
Molluscs		3
Peanuts		3
Soybeans		3
Milk		3
Nuts (namely almond, hazelnut, cashew, pecan nut, Brazil nut, pistachio nut, macadamia nut and Queensland nut)		3
Celery		3
Mustard		3
Sesame seeds		3
Sulphur dioxide and sulphites at levels above 10mg/kg or 10mg/litre expressed as SO ₂ .		3

Health & Safety Data	
Product Name Dangerous Components:	Freeze Dried Instant Coffee (507FD) None
Physical Data Vapour pressure: Solubility:	No data. The product is readily soluble in water.
Fire & Explosion Hazards Flash point Extinguishing media Extraordinary fire and explosion hazard	No data Water None
First Aid Treatment in case of Emergency Ingestion Inhalation Eye contact	No risk Breath in fresh air Rinse with water, consult physician
Special Protection Required	None

Warranty:

This coffee will conform to the Coffee Extracts and Chicory Extracts (England) Regulations 2000, (SI 3323) and subsequent amendments.

This coffee will conform to the requirements of the Food Safety Act (1990).

Coffees are tested to "AFCASOLE Statement on Soluble Coffee Authenticity" limits by accredited laboratories.

Our Quality system complies with the BRC Global standard of third party inspection.

Issued By: P.MILLIGAN
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