

Granuled Instant Coffee Specification

Physical and Chemical Characteristics

Jacobs Rich Roast Instant Coffee Granules 6x100g
(0421324)

Country of Origin: Product of more than one country

Composition: A soluble extract of pure roasted coffee beans.

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

Shelf Life;

In Jars: 24 Months from day of packing.

Chemical Analysis;

Moisture

<5% Karl Fischer Method

DIN-ISO 10772 part 2:1986

Ochratoxin A (ug/Kg)

<5 ppb HPLC

Commission Regulation (EC) No 1881/2006 of 19 December 2006

Acrylamide (ug/Kg)

850ppb benchmark

Microbiological Standards;

Test

TVC

Enterobacteriaceae

Moulds

Yeasts

S.aureus

E.coli

Salmonella spp. ELISA

Target

<1000 cfu/g

<100 cfu/g

<100 cfu/g

<100 cfu/g

<20cfu/g

Not detected/g

Not detected in 25g

Heavy Metals (max levels);

Test

Lead

Mercury

Tin

Cadmium

Arsenic

Target

≤ 1ppm

≤ 1ppm

≤ 200ppm

≤ 1ppm

≤ 1ppm

Primary Packaging; (All food contact packaging is of food grade material.)

Glass Jar weight 210+/-10g

PP Cap 9.40 +/-0.5g

Case dimensions 155x235x155mm

Case weight 2039g

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 seconds with gentle stirring. To have a sediment level between A1 and B1 (**Cafea UK Ltd Method**).

Carbohydrates – ISO24114:2011 (g/100g);

Total Sugars;

Glucose <2.46

Xylose <0.45

Pesticides;

(OC's & OP's) Not Detected in (ug/kg)

Colour;

To match Cafea UK Ltd Internal Standard.

GMO / Intolerance Data;

The mentioned product does not require any declaration according to GMO EC regulations 1829/2003 and 1830/2003. To the best of our knowledge and according to current investigations of the International Coffee Organisation, no genetically modified green coffees are on the market or in the production chain.

This product 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)
ENERGY kJ	1327	27	Analytical
ENERGY kcals	315	6.3	
FAT g	0.3	0	
Of which SATURATES g	0.2	0	
CARBOHYDRATE g	47	0.9	
of which TOTAL SUGARS g	2.0	0	
DIETARY FIBRE g	20	0.4	
PROTEIN g	21	0.4	
SALT	0.8	0	

Vitamins and Minerals

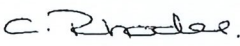
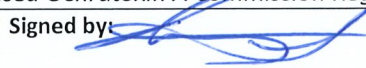
	Per 100g	Per Serving 2g	% RI per serving	State analytical or theoretical (specify method/source of theoretical data)
VITAMIN A ug	0	0	0	Theoretical:- McCance & Widdowsons 7 th Edition, Revised
VITAMIN D ug	0	0	0	
VITAMIN E mg	Tr	Tr	0	
VITAMIN C mg	0	0	0	
THIAMIN mg	0.04	Tr	0	
RIBOFLAVIN mg	0.21	Tr	0	
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	

Allergen Data

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

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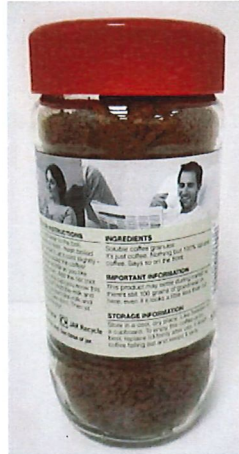
Health & Safety Data

Product Name; Dangerous Components:	Jacobs Rich Roast Instant Coffee Granules 6x100g 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;	<ul style="list-style-type: none"> • Food Safety Act 1990 and subsequent amendments • Food Hygiene Regulations 1995 • Food Hygiene (England) Regulations 2010 AS AMENDED (SI 2007/56) • General Food Regulations 2004 (EC Reg. 852/2004) • Reg. 2073/ 2005 on micro criteria for foodstuffs (as amended by EU Regulation No. 1441/2007) • Food Labelling Regulations 1996 (includes declaration of allergens) (Eng. Reg. 2009 which implement directives 2003/89/EC , 2005/26/EC , 2006/142/EC, 2007/68/EC • The Food Information Regulations 2013 (FIR) enabling the provisions of Regulation (EU) No 1169/2011 • Weights and Measures Act 1985 • The Pesticides (Maximum Residue Levels in Crops, Food and Feeding Stuffs) (England and Wales) Regulations 2008 • The Plastic Materials and Articles in Contact with Food (Regulation (EC) No. 1935/2004 - food contact plastics (Regulation 10/2011) • The Coffee Extracts and Chicory Extracts Regulations 2000 • Cafea UK complies to Regulations European Legislation: Commission Regulation (EU) 2022/1370 (Ochratoxin) • ISO24114:2011 Instant coffee -- Criteria for authenticity • Cafea UK complies to Regulations (EU) 2017/2158 'establishing mitigation measures and benchmark levels for the reduction of the presence of acrylamide in food' 	
	Our Quality system complies with the BRC Global standard of third party inspection.	
	This specification will be recognised as approved by Cafea UK Ltd if a signed copy is not returned within 3 months of the original draft specification being sent	
Date of Issue: 01/09/2022	Issued By: Carol Rhodes Technical Services Manager	
Review Date: 09/09/2022	Reviewed By: Carol Rhodes Technical Services Manager	Version: 2
Reason for Review:	Include product images below	
Review Date: 09/10/2023	Reviewed By: Carol Rhodes Technical Services Manager	Version: 3
Reason for Review:	Include barcodes below on request of customer, removed Particle Size Analysis and Bulk Density, revised Ochratoxin A Commission Regulations.	
Approved by Cafea UK Ltd:  09/10/2023	Signed by:  Print Name: B. Malozi On behalf of (Company name):	Date: 10/10/23 Title: MD

Barcodes:

EAN: 5011021024925
TUC: 05014776026930

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