



PRODUCT SPECIFICATION



Item Code 332/502/0005 (5 g) 332/502/0025 (25g)	PRODUCT NAME ORGANIC SAFFRON POWDER I – II – III Category	Controlbody at origin BIOS
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1) GENERAL DESCRIPTION

Product	<i>Crocus Sativus</i>
Origin	Morocco

2) NUTRITIONAL VALUES in 100 g (Average Values - Source: USDA Nutrient Database)

Energy value	1298 kj 310 kcal
Carbohydrates	65.37 g
Proteins	11.43 g
Fats	5.85 g
• Monounsaturated fats	0.429 g
• Polyunsaturated fats	2.067 g
• Saturated fats	1.586 g
Minerals	2.54 g
Sodium	148 mg
Dietary fibre	3.9 g

3) CHEMICAL-PHYSICAL PARAMETERS

Appearance	Powder color from red-orange-size mesh 100-40 US		
Smell	Wrap around		
Taste	Intense		
Foreign bodies	Possible presence of floral parts and foreign material (in varying proportions depending on the category)		
Chemical Parametres			
Humidity	< 10%		
Ash	< 8%		
Insoluable ash in acid on d.s.	< 1%		
Extract soluble in cold water on d.s.	< 65 %		
Picrocrocine (bittering power) E_{1cm}^{257nm} su ss.	70 (cat I)	55 (cat II)	40 (cat III)
Safranal (aroma) E_{1cm}^{330nm} su ss.	20-50 (cat I)	20-50 (cat II)	20-50 (cat III)
Crocine (coloring power) E_{1cm}^{440nm} su ss.	200 (cat I)	170 (cat II)	120 (cat III)
Artificial colours	Absent		

4) MICROBIOLOGICAL PARAMETERS

Total plate count	10^6 ufc/g
E. Coli	10^2 ufc/g
Enterobacteriaceae	10^2 ufc/g
Moulds and yeast	10^4 ufc/g
Salmonellae	Absent

5) BIOLOGICAL PARAMETERS

GMO	Absent
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6) CERTIFICATIONS

Organic Agriculture	Yes
NOP	
Bio Suisse	
JAS	
Kosher	
BRC	Yes

7) STORAGE AND TRANSPORT CONDITIONS

Storage	Store in a cool and dry place. Protect from humidity, heat and source of possible cross contamination.
Notes	Product stored in dedicated warehouse with controlled temperature

8) PACKAGING AND SHELF LIFE

Packaging	Food grade container
Net weight	5 g 25 g
Shelf -life	Best before date within 36 months from the production

9) SAFETY MEASURES

CAS registry number	N.A
Safety data sheet provided	NO
Legislation reference	Reg. CE 1272/2008 does not state any safety indications for this type of product
Active ingredient	None
Hazard statements	None
Prevention precautionary statements	None

10) REFERENCE LEGISLATION

- Regulation (EC) No. 834/2007 "Production and labelling of organic products"
- Regulation (EC) No. 853/2004 "Hygiene of food products"
- Regulation (EC) No. 1169/2011 "Provision of food information to consumers"
- Regulation (EC) No. 1935/2004 "Food Contact Materials"
- Regulation (EC) No. 1881/2006 "Maximum levels of certain contaminants in food products"



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11) ALLERGENS

Allergens	Existing inside the product	Existing in the production line	Existing in the storage place	Existing risk of contamination
Cereals containing gluten: wheat, rye, barley, oat, spelt, khorasan and derived products	NO	NO	YES	NO
Shellfish and derived products	NO	NO	NO	NO
Molluscs and derived products	NO	NO	NO	NO
Eggs and derived products	NO	NO	NO	NO
Fish and derived products	NO	NO	NO	NO
Peanuts and derived products	NO	NO	NO	NO
Soy and derived products	NO	NO	YES	NO
Lupin and derived products	NO	NO	YES	NO
Milk and derived products (included lactose)	NO	NO	NO	NO
Fruit with shell: almonds (<i>Amigdalus communis L.</i>), hazelnuts (<i>Corylus avellana</i>), walnuts (<i>Juglans regia</i>), cashew nuts (<i>Anacardium occidentale</i>), pecan nuts [<i>Carya illinoesis (Wangenh) K.Koch</i>], Brasile nuts (<i>Bertollethia excelsia</i>), pistachio (<i>Pistacia vera</i>), Macadamia nuts (<i>Macadamia ternifolia</i>) and derived products	NO	NO	YES	NO
Celery and derived products	NO	NO	YES	NO
Mustard and derived products	NO	NO	YES	NO
Sesame seeds and derived products	NO	NO	YES	NO
Sulphur dioxide and sulphites up to 10 mg/kg or 10 mg/l as SO ₂	NO	NO	NO	NO

Editing	Control	Approval	Last revision
March 2017	January 2020	January 2020	May 2020