



TECHNICAL DATA SHEET

Product CLOVES POWDER	Origin COMORAS/COMOROS MADAGASCAR SRI LANKA
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Description

Product obtained from the milling of ripe and dried flower buds from *Caryophyllus aromaticus*

General Requirements and Legislative Compliance

The material and its packaging comply with all relevant European and International Legislation. Product complies with regulation regarding Pesticide Residues.

Neither the product nor any of its parts thereof have been irradiated or treated with ionizing radiation for preservation, bacterial count reduction or any other purpose.

Sensory specifications

- Color: dark brown
- Smell: very aromatic
- Appearance: powder

Physico-Chemical specifications

Moisture (Internal PA-03)	< 15	%
Total ashes (Method ASTA 3.0)	< 8	%
Insoluble ashes (Method ASTA 4.0)	< 1	%
Ether Extract (Internal PA-07)	> 10	%
Ochratoxin A (HPLC Internal PA-09)	< 15	ppb
Benzo(a)pirene (HPLC-FLD PA Int.21)	< 10	ppb
Sum of PAH (HPLC-FLD PA Int.21)	< 50	ppb

Microbiology specifications

<i>E. coli</i> (ISO 16649-2:2001)	< 1E+01	cfu/g
<i>Salmonella</i> qPCR (ISO 6579:2003)	Absence/25g	cfu/g

Packaging

- 25 KG BAG
- 5 KG BAG
- 5 KG BAG
- 10KG BAG
- 1 KG BAG



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Storage recommendations

For its proper preservation this product should be kept in a cool, dry place with low relative humidity. Do not expose directly to sunlight. Keep away from strong odours.

SHELF LIFE: 4 YEARS

Nutritional Values

Nutrient	Val / 100 g.	Unit
Water	9.87	g
Protein	5.97	g
Carbohydrates	65.53	g
Total sugars	2.38	g
Iron, Fe	11.83	mg
Phosphorus, P	104	mg
Sodium, Na	277	mg
Vitamin C	0.2	mg
Riboflavin	0.22	mg
Vitamin B6	0.391	mg
Vitamin B12	0	ug
Vitamin E (alpha tocopherol)	8.82	mg
Vitamin D	0	ug
Total saturated fatty acids	3.952	g
Total polyunsaturated fatty acids	3.606	g
Cholesterol	0	mg

Nutrient	Val / 100 g.	Unit
Energy	274	Kcal
Total lipids (fat)	13	g
Total dietary fiber	33.9	g
Calcium, Ca	632	mg
Magnesium, Mg	259	mg
Potassium, K	1020	mg
Zinc, Zn	2.32	mg
Thiamin	0.158	mg
Niacin	1.56	mg
Folate, DFE	25	ug
Vitamin A, RAE	8	ug
Vitamin D (D2+D3)	0	ug
Vitamin K (phylloquinone)	141.8	ug
Total monounsaturated fatty acids	1.393	g
Total trans fatty acids	0	g
Caffeine	0	mg

Source: USDA National Nutrient Database for Standard Reference 26 Software v.1.3.1

The nutritional values described above have been obtained from public access data bases from different official agencies and must be considered orientative. Actual values may vary depending on varieties, origin, harvest conditions, climate, etc.



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Allergen Statement

Allergens:- When purchased in bulk size original packaging, manufacturer allergen policy will apply.
 When purchased in quantities that need re-packaging, our allergen policies will apply.

Component	Manufacturer			Nuts in Bulk (Applies when bought in small quantities that need re-packaging)		
	In Product	Processed in Same Equipment	Handled on Site	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	NO	NO	NO	NO	YES
EGGS or its derivatives	NO	NO	NO	NO	NO	NO
FISH or its derivatives	NO	NO	NO	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO	NO	NO	NO
MOLLUSCS	NO	NO	NO	NO	NO	NO
PEANUTS or derivatives	NO	NO	NO	NO	NO	YES
SOYA BEANS or derivatives	NO	NO	NO	NO	NO	YES
MILK (LACTOSE) or its derivatives	NO	NO	NO	NO	NO	YES
NUTS , tree nuts:	NO	NO	NO	NO	NO	YES
CELERY, including celeriac and its derivatives	NO	NO	NO	NO	NO	NO
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	NO	NO	NO	NO	YES
SESAME SEEDS or derivatives	NO	NO	NO	NO	NO	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	NO	NO	NO	NO	YES
LUPIN seeds or derivatives	NO	NO	NO	NO	NO	NO

NUTSINBULK states that all its products fully comply with the most relevant European and International Legislation on Allergen Labeling, including the European Regulation (EC) 1169/2011 and its amendments, on the provisions of food information to consumers, where the labeling of allergens is regulated, as well as with the Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA) of the FDA (U.S.A.)





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Health and Safety Data

NO SPECIFICS HAZARDS ARE KNOWN FOR THIS PRODUCT

CLASSIFICATION: Non-hazardous foodstuff.

TRANSPORT REQUIREMENTS: Ambient dry transport.

FIRE HAZARD: Low blast and fire hazard. High flashpoint. Extinguish with water or CO2.

WASTE MANAGEMENT: Dispose of as innocuous waste.

EXPOSURE LIMITS: none described.

Use Requirements and Safety

This product is naturally aromatic and due to prolonged handling may cause skin, nasal, throat or eye irritation in sensitive cases. The use of efficient ventilation or containment is advisable. If this is not practical, the use of personal protective equipments (PPE) such as face masks, gloves and protective overalls is recommended in such cases.

IN CASE OF IRRITATION, WASH AFFECTED BODY PART WITH PLENTY OF WATER IF IRRITATION PERSISTS, SEEK MEDICAL ADVICE.

Suitability for Ethnic Groups and Others

Kosher approved	Certificate available for some products. Consult.
Kosher suitable	Yes
Halal approved	Yes, official approval available
Suitable for Diabetics	Yes
Suitable for Vegetarians	Yes
Suitable for Vegans	Yes
Suitable for Coeliacs	Yes

DISCLAIMER:
All the information herein provided is truthful to the best of our knowledge. Although great care has been taken to ensure its accuracy, ever changing regulations and individual product features make it necessary to disclaim any warranties or liabilities.