



## Bitter orange peel chopped

**Product general characteristics:**

Name: BITTER ORANGE  
Latin name: *Citrus aurantium* L. subsp. *aurantium* (Rutaceae)  
Part of the plant used: Peels: *Aurantii amarae* fructi cortex 1/4

**Product detailed description:****Main components:**

- essential oil mainly composed of limonene
- flavonoids: bitter flavonoid heterosides (neohesperidin, naringin, ...) and no bitter flavonoid heterosides (hesperidin, rutoside, sinensetine, ...)
- coumarins: photosensitizing furanocoumarins

Country of origin : Cf certificate  
Best use before : See label  
Main storage conditions (T°, ...): Shielded from light

**Characteristics:**

Macroscopic and microscopic characteristics : European Pharmacopoeia

**Identification**

Macroscopic characteristics: Eur. Ph. - identification A  
Microscopic characteristics: Eur.Ph. - identification B  
Thin layer chromatography: Eur. Ph. - Identification C (narginin, caffeic acid)

**Microbiological characteristics (analysis only on specific request)**

Aerobic mesophilic < 50.000.000 /g  
Yeast / mould < 500.000 /g  
*Escherichia coli* < 500 /g

**Assay**

Foreign elements Max 2 %  
Water content Max 10 %  
Total ash Max 7 %  
Extractives Max 6 %

**Dosage**

Essential oil min. 2,0% (pericarpe cp); min 0,3% (powder)

**Transport conditions**

Transport at room temperature, shielded from light and moisture



### Storage conditions

Store cool (>7 °C) and dry

### Packaging information

This article is available in packages of:

Article number	Description
054.100.1	Bitter orange peel chopped 100 g
054.100.3	Bitter orange peel chopped 1 kg
054.100.5	Bitter orange peel chopped 30 g

### Allergens information

- + indicates presence of the substance or material
- Indicates total absence of the substance or material
- ? indicates no certainty of absence of the substance or material

Allergens	+	-	?
Gluten		X	
Crustaceans		X	
Peanuts		X	
Soybean		X	
Milk (incl.lactose)		X	
Almonds		X	
Mustard		X	
Lupine		X	
Hazelnuts		X	
Nuts		X	
Eggs		X	
Pistachios		X	
Fish		X	
Celery		X	
Sesame seeds		X	
Shellfish		X	
Sulphur dioxide and sulphites with concentrations exceeding 10 mg/kg or 10 mg/litre expressed as SO <sub>2</sub> (E220-E227)		X	

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