

**PRODUCT NAME: ROSEMARY EXTRACT CA 65%**

**CODE: 40322**

**Ingredients**                      Rosemary leaf Extract    100 %  
**Ingredients origin**            UE

**Physical – chemicals specifications**

**Appearance**                    Yellowish to brownish powder, relatively free flowing, with characteristics flavour and taste\*\*

**Solubility**                        Soluble in alcohol, acetone, and propylene glycol.  
    Insoluble in water. Practically soluble in vegetable oil.

<u>Analytical specifications</u>	<u>Specifications</u>	<u>Method</u>
<b>Loss on drying:</b>	Less than 2%	Eur. Pharm. 8 Met 2.2.32
<b>Heavy metals (as Pb)</b>	Less than 10 ppm	Eur. Pharm. 8 Met 2.4.8. C
<b>Cadmium*</b>	Less than 1 ppm	Eur. Pharm. 8 Met 2.2.58.
<b>Mercury*</b>	Less than 0.1 ppm	Eur. Pharm. 8 Met 2.2.58.
<b>Lead*</b>	Less than 2 ppm	Eur. Pharm. 8 Met 2.2.58.
<b>Arsenic*</b>	Less than 1 ppm	Eur. Pharm. 8 Met 2.2.58.
<b>Carnosic acid</b> (HPLC ,vs standard, as db)	More than 65%	NUTRAFUR MCL04 2004
<b>Residual solvent (Acetone)</b>	Not more than 500 ppm	Eur. Pharm. 8 Met 2.4.24
<b>Aflatoxins B1, B2, G1,G2*</b>	< 4 ppb	HPLC/FLD
<b>Aflatoxins B1*</b>	< 2 ppb	HPLC/FLD
<b>Benzo(a)pyrene*</b>	<10ppb	Regulation EC 333/2007
<b>Sum of Benzo(a)Pyrene,</b>	<50ppb	
<b>Benzo(a)anthracene,</b>		Regulation EC 333/2007
<b>Benzo(b)fluoranthene and chrysene*</b>		
<b><u>Microbiology assay</u></b>		
<b>Total Plate count</b>	Less than 1000 cfu/g	Eur. Pharm. 8 Met 2.6.12
<b>Yeast and Mould</b>	Less than 100 cfu/g	Eur. Pharm. 8 Met 2.6.12
<b>E. Coli</b>	Negative/g	Eur. Pharm. 8 Met 2.6.13
<b>Salmonella spp</b>	Negative/25g	Eur. Pharm. 8 Met 2.6.13

(\*) Analyzed two batches per year, in accordance with Nutrafur HACCP.

(\*\*) Color variations may occur from batch to batch

**Pesticides statement**                      In compliance with the correspondent European Regulation for this product.

**Absence of foreign matters**            Over 1 mm (screen).

**Nutritional data**

Water (%)	0.5-2.0
Carbohydrates (%)	0.5-1.0
Lipids (%)	20.0-25.0
Proteins (Nx 6.25) (%)	0.5-1.0
Total Diterpenes (%)	68.0-75.0
Other Polyphenols	0.5-2.0
Mineral Salts (%)	0.1-0.5
Energetic Value (Kcal/100g)	130-140

**Shelflife**                                      12 months unopened stored in a cool and dry location.

**Packaging**                                    Double food grade propylene bag in cardboard drums.

**Storage and distribution**                Keep well closed and in well ventilated places.

**Applications**                                It is used in lipid based Food. Potential regulation of physiological oxidative status.

**Status**    No GMO Product.  
     Not Irradiated Product.  
     This product is not at risk concerning BSE/TSE.  
     Non ETO  
     HALAL and KOSHER certificate

**Legal status:** Rosemary extracts are a 100% natural product approved by:

- FDA Revision of 21 Code of Federal Regulation 21 CFR, Part 182-20.
- FEMA NUMBER 2992.
- Regulation (CE) No. 1831/2003
- Regulation 231/2012/EC (E392)

**Allergen statement**

	ABSENT	PRESENT	CROSS
Cereal containing, gluten and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Crustaceans and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Eggs and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Fish and product thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Peanuts and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Soybeans and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Milk and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Nuts, namely: almonds ( <i>Amygdalus communis</i> L.), hazelnuts ( <i>Corylus avellana</i> ), walnuts ( <i>Juglans regia</i> ), cashews ( <i>Anacardium occidentale</i> ), pecan nuts ( <i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nuts ( <i>Bertholletia excelsa</i> ), pistachio nuts ( <i>Pistacia vera</i> ), macadamia or Queensland nuts ( <i>Macadamia ternifolia</i> ), and products thereof, except for nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin	X	<input type="checkbox"/>	<input type="checkbox"/>
Celery and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Mustard and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Sesame seeds and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Sulphur dioxide and sulphites	X	<input type="checkbox"/>	<input type="checkbox"/>
Lupin and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>
Molluscs and products thereof	X	<input type="checkbox"/>	<input type="checkbox"/>