

<b>Product</b>	<b>FLAVOROSM®</b> <b>Rosemary leaves absorbed on special BUCKNAT® substrate</b> <b>(in vitro studies on diabetes and glycaemic index)</b>	
<b>Product Code</b>	100512	
<b>Botanical Name</b>		
<b>Botanical phytocomplex</b>	Fagopyrum esculentum (BUCKNAT®), Rosmarinus officinalis	
<b>Country of manufacturing</b>	Italy	
<b>Raw material</b>	Italy: BUCKNAT® and Rosmarinus officinalis are from our own NATING fields in Sardinia	
<b>Growing conditions</b>	BUCKNAT® (Fagopyrum esculentum): cultivated Rosmarinus officinalis: cultivated and spontaneous	
<b>Collection period</b>	BUCKNAT® (Fagopyrum esculentum): summer/autumn Rosmarinus officinalis: summer	
<b>Harvesting conditions</b>	BUCKNAT® (Fagopyrum esculentum): mechanical Rosmarinus officinalis: manual	
<b>Extraction solvents</b>	Water	
<b>Residual solvents</b>	None	
<b>Auxiliary substances</b>	None	
<b>Tapped density</b>	About 0.5 g/ml	
<b>Particle size</b>	NLT 90% through 300 microns	
<b>PHYSICAL PROPERTIES</b>	<b>LIMITS</b>	<b>METHODS</b>
<b>Aspect</b>	Powder	Inspection
<b>Colour **</b>	Light-brown, light-greenish	Inspection
<b>Loss on drying</b>	< 6%	105° C - 3 hours
<b>CONTAMINANTS</b>	<b>LIMITS</b>	<b>METHODS</b>
<b>Total Heavy Metals</b>	< 10 ppm	
<b>Cadmium *</b>	< 1 ppm	Atomic Absorption
<b>Lead *</b>	< 3 ppm	
<b>Mercury *</b>	< 0,1 ppm	
<b>Aflatoxins</b>		
<b>B1 *</b>	< 5 ppb	Atomic Absorption
<b>Sum of B1, B2, G1 and G2 *</b>	< 10 ppb	
<b>MICROBIOLOGICAL SPECIFICATIONS</b>	<b>LIMITS</b>	<b>METHODS</b>
<b>Total Plate Count</b>	< 5 x 10000 c.f.u./g	as per Eur.Ph.
<b>Yeasts and Moulds</b>	< 5 x 100 c.f.u./g	as per Eur.Ph.
<b>E.coli *</b>	Absent in 1 g.	
<b>Salmonella *</b>	Absent in 25 g.	
<b>Bile Tolerant Gram negative Bacteria *</b>	< 100 c.f.u./g	
* Analysis performed on basis of specific self control plan		
** This being a product of natural origin, minor colour variations are observed due to geographical and seasonal variations of the raw material		
<b>STORAGE CONDITIONS</b>	Store in its closed original packaging at room temperature (5-25°C), away from heat, direct light and moisture	
<b>SHELF-LIFE</b>	2 years from manufacturing date	
<b>IN VITRO STUDIES</b>	BUCKNAT® has been studied in collaboration with the Food Chemistry and Nutraceutical Laboratory of the Department of Drug Sciences at the University of Pavia: in vitro studies to assess their effectiveness on diabetes and glycaemic index. 100% TRACEABLE 100% NATING	

Product

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**(in vitro studies on diabetes and glycaemic index)**

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<b>GMO</b>	Product does not contain and it is not manufactured from GMO components (Reg. (EC) 1829/2003 and 1830/2003).	
<b>ALLERGENS</b>	Free from substances or products causing allergies or intolerances (Reg. (EU) 1169/2011 annex II).	
<b>CROSS CONTAMINATION</b>	There is no risk of cross-contamination in our plants.	
<b>PESTICIDES *</b>	Comply to Reg. (EC) No. 396/2005 and subs. amendements and updates.	
<b>PAH *</b>	Comply to Reg. (EC) No. 1933/2015.	
<b>IRRADIATION</b>	Not irradiated.	
<b>BSE / TSE</b>	This product does not contain, nor manufactured with any animals products or any materials of animal origin and does not present any risk of cross-contamination by BSE/TSE causing organism.	
<b>GLUTEN</b>	GLUTEN FREE.	
<b>NANO MATERIALS</b>	The extraction process we apply to manufacture our herbal extracts does not involve any kind of nanotechnologies.	
<b>SAFETY</b>	The product does not contain any ingredient/substance classified as dangerous.	
<b>PACKAGING</b>	All requirements for Food Regulation.	
<b>ANIMAL TESTS</b>	All our products are not tested or re-tested on animals.	
<b>SUITABLE</b>	YES	NO
<b>VEGETARIANS</b>	X	
<b>VEGANS</b>	X	
<b>OVO-LACTO VEGETARIANS</b>	X	