



**BOTANICAL
EXTRACTS**

BOTANYL[®] M

BALM MINT DRY HYDROALCOHOLIC EXTRACT

IDENTIFICATION & COMPOSITION

CAS Number	Melissa officinalis extract :	84082-61-1
	Syrups, corn, dehydrated :	68131-37-3
	Amorphous silica :	112945-52-5
EC Number	Melissa officinalis extracts :	282-007-0
	Syrups, corn, dehydrated :	268-616-4
	Amorphous silica :	231-545-4
Composition	Native extract	About 69%
Excipients/Other components	Dehydrated corn syrup :	about 30%
	Silicon dioxide (E551) :	about 1%
Antioxydants/Preservatives	None	
Active Material Assay	Total hydroxycinnamic derivatives expressed as rosmarinic acid Spectrophotometric content >= 10.0 %	
Appearance	Brown-green powder	
Starting Herbal Material	Melissa Officinalis L.	
English Common Name	Balm Mint	
Part of the plant	Leaf	
Extraction Solvent	Water and Ethanol	
Drug to Extract Ratio	4 : 1	

PACKAGING, SHELF LIFE & STORAGE

Internal	Food grade type polyethylene bag closed with wrap-it tie
External (for 25kg size)	Kraft type cardboard drum
Storage conditions	Store in well closed containers, protected from light/moisture/heat
Shelf life	4 years



QUERCYL SAS
15 rue de la Garenne - Bâtiment 1
16160 Gond Pontouvre - France

+33 (0)5 45 94 94 89
contact@quercyl.com
www.quercyl.com

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PHYSICO-CHEMICAL PROPERTIES

Particle size	Pass 75 mesh (200 µm) : about 97% Pass 150 mesh (100 µm) : about 72% Pass 300 mesh (50 µm) : about 48%
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CONTAMINANTS INFORMATION

CALIFORNIA PROP.65 Substances	Refer to specifications for heavy metals and residual solvents
DIOXINS	Absent
ETHYLENE OXIDE	Not used
GLUTEN	Absent
HEAVY METALS	According to Reg. (EC) 629/2008 and its amendments
LACTOSE	Absent
LATEX	Absent
MELAMINE	Absent
MYCOTOXINS	Aflatoxins according to Reg. (EC) 165/2010 and its amendments
NITROSAMINES	Absent
PAH (Polycyclic Aromatic Hydrocarbons)	According to Reg. (EC) 1933/2015
PCBs	Absent
PESTICIDES	According to Reg. (EC) 396/2005 and its amendments
PHthalates	Absent
RESIDUAL SOLVENTS	According to Dir. 2009/32/EC and its amendments, Ph. Eur. 2.4.24 and USP <467>
WADA / USADA Substances	Absent

FOOD SAFETY LEGISLATION

GMO	This product is non GMO according to Reg. (EC) 1829/2003 and (EC) 1830/2003 and their amendments
ALLERGENS	This product does not contain allergens according to Reg. (EC) 1169/2011 and its amendments
TSE/BSE	no animal derived substances are used in the manufacturing process of the aforesaid product. This product is exclusively of vegetal origin and therefore, it is excluded from the scope of the current revision of the « note for guidance on minimising the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products» (EMA/410/01 rev.3 and its further revisions)



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IONIZING RADIATION	This product and its ingredients are not irradiated / treated with ionizing radiation according to Dir. 1999/2/EC and 1999/3/EC and their amendments
NANOMATERIALS	This product contains about 2% of silicon dioxide
PACKAGING	The packaging in direct contact with the product complies with the provisions of Reg. (EC) 1935/2004
COUNTRY OF ORIGIN	ITALY (EU)

NUTRITIONAL INFORMATION

Energy value	190 Kcal/100g	804 kJ/100g
Proteins (as sum of aminoacids after hydrolysis)	1.397	g/100g
Carbohydrates	37.85	g/100g
Starch	25.8	g/100g

Total Fat	3.7 g/100g
Saturated Fatty Acids.....	0.27g/100g
Monounsaturated Fatty Acids.....	0.04g/100g
Polyunsaturated Fatty Acids.....	0.69g/100g
Trans Fatty Acids.....	0.005g/100g

Total Dietary Fiber	g/100g
Soluble	< 0.5 g/100g
Insoluble	< 0.5 g/100g

Sugars composition	
Fructose, anhydrous.....	0.54g/100g
Galactose, anhydrous.....	< 0.10g/100g
Glucose, anhydrous.....	4.04g/100g
Saccharose (Sucrose) anhydrous.....	3.99g/100g
Lactose, anhydrous.....	< 0.10g/100g
Maltose, anhydrous.....	3.48g/100g
Total Sugars	12.05g/100g

Moisture	3.9 g/100g
Ash	7.32 g/100g
Salt (NaCl, as Sodium x 2.5)	355 mg/100g
Sodium.....	142mg/100g
Calcium.....	47.6 mg/100g
Iron.....	0.61mg/100g
Phosphorus.....	74.4mg/100g
Potassium.....	3.15g/100g

The above information must be considered indicative due to the natural variation in the composition of the starting herbal material. The above information is given in accordance with Reg. (EC) 1169/2011 on food information to consumers. The energy values may differ per region because of different calculations.





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SOLUBILITY INFORMATION

WATER	WATER/ETHANOL 50% (v/v)	ALCOHOL 95% (v/v)
VERY SLIGHTLY SOLUBLE	VERY SLIGHTLY SOLUBLE	VERY SLIGHTLY SOLUBLE

RELIGIOUS DIETS

KOSHER	√	Pareve non-passover
HALAL		

MANUFACTURER INFORMATION

Manufacturing, Quality Control/Approval
Quercyl SAS, 15 rue de la Garenne Bat 1 - 16160 Gond Pontouvre - FRANCE

Wharehousing, Final Packaging/Batch release, shipping
Quercyl SAS, 15 rue de la Garenne Bat 1 - 16160 Gond Pontouvre - FRANCE

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