



**BOTANICAL
EXTRACTS**

BOTANYL® CM

**MILK THISTLE ETHANOLIC/HF
EXTRACT**

IDENTIFICATION & COMPOSITION

CAS Number	Silybum marianum extract	84604-20-6
EC Number	Silybum marianum extract	283-298-7

Composition	Milk thistle fruit extract, refined and standardized	100%
Excipients/Other components	None	
Antioxydants/Preservatives	None	

Active Material Assay	HPLC Assay of Silymarin (as silibinin) : 53.0 - 60.0 % HPLC Assay of Slicristin and Silidianin (as Silibinin), on total content of Silymarin : 20.0 -45.0% HPLC Assay of Silibinin A and Silibinin B (as Silibinin), on the total content of Silymarin : 40.0 - 65.0 % HPLC Assay of Isosilibinin A and Isosilibinin B 'as Silibinin), on the total content of Silymarin : 10.0 -20.0 %	
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Appearance	Brownish/yellow powder
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Starting Herbal Material	Silybum marianul (L.) O. Gaertn. - Asteraceae
English Common Name	Milk thistle
Part of the plant	Fruit without pappus
Extraction Solvent	Water and Ethanol
Drug to Extract Ratio (native)	20 - 50 : 1

PACKAGING, SHELF LIFE & STORAGE

Internal	Double 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
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Shelf life	5 years
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Les informations contenues dans cette documentation sont le reflet exact de nos connaissances actuelles du produit, sans engagements ou garantie de notre part, dans la mesure où les conditions d'utilisation restent hors de notre contrôle. Il relève de la responsabilité de l'utilisateur de vérifier que son usage est bien en accord avec les textes et législations en vigueur.



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PHYSICO-CHEMICAL PROPERTIES

Particle size	Pass 75 mesh (200 µm) : about 100% Pass 150 mesh (100 µm) : about 100% Pass 300 mesh (50 µm) : about 96%
Tapped density (average)	about 0.67 g/ml
Bulk density (average)	about 0.46 g/ml

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	According to Reg. (EC) 165/2010 and its amendments
NITROSAMINES	Absent
PAH (Polycyclic Aromatic Hydrocarbons)	According to Reg. (EC) 1933/2011 and its amendments
PCBs	Absent
PESTICIDES	According to Reg. (EC) 396/2005 and its amendments and to 40 CFR Part 180
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» (EMEA/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 does not contain nanomaterials according to Reg. (EC) 1169/2011 and its amendments
PACKAGING	The packaging in direct contact with the product complies with the provisions of Reg. (EC) 1935/2004
COUNTRY OF ORIGIN	ITALY

NUTRITIONAL INFORMATION

Energy value	22	Kcal/100g
	88	kJ/100g
Proteins	0.91	g/100g
Total reducing sugars, after inversion	0.12	g/100g

Total Fat	0.81g/100g
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Total Dietary Fiber	5.1g/100g
Soluble	< 1.9 g/100g
Insoluble	< 0.1 g/100g

Sugars composition	
Fructose	< 0.01g/100g
Galactose	< 0.01g/100g
Glucose	< 0.01g/100g
Saccharose	< 0.01g/100g
Lactose	< 0.01g/100g
Maltose	0.05 g/100g
Maltotriose	< 0.01g/100g

Moisture	1.31g/100g
Ash	0.17 g/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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CERTIFICATIONS

ISO 22000	Categories : GII, K
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RELIGIOUS DIETS

KOSHER		
HALAL		

MANUFACTURER INFORMATION

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

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

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