

EPAVIN



HEPATOPROTECTION¹⁰

The recent estimates confirm that approximately 30-35% of the adult population, including the Italian population, has a form of **NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD)** – with a higher prevalence among individuals with altered metabolic conditions (such as diabetes and dyslipidaemia)¹

...however, supplementation with phytoextracts with a depurative, choleretic and cholagogue action is recommended...²

The Plus of EPAVIN



The patented Spagyric Process enhances the effectiveness of phytoextracts through:
SEPARATION - ENHANCEMENT - POOLING
of plant actives.

10 FUNCTIONAL PHYTOEXTRACTS from SPAGYRIC MOTHER TINCTURES
in **UNIQUE FORMULATION**³

SUPPORT LIVER FUNCTION

ASSIST IN METABOLIC THERAPIES

SUPPORT DIFFERENT DIGESTIVE MECHANISM

HAVE CHELATING ACTION ON HEAVY METALS⁷



Berberis vulgaris:

METABOLIC REGULATION
GLUCOSE UPTAKE and BLOOD
GLUCOSE REDUCTION
BACTERIAL MEMBRANE
ALTERATION



Taraxacum officinalis:

STIMULATION ON RENAL
RECEPTORS
SECRETION OF BILE ACIDS
(CHOLERETIC)
DIGESTION OF LIPIDS



Artichoke:

INCREASED BILIARY OUTFLOW
(CHLOGOGIC ACTION)
DECREASE ENDOGENOUS
CHOLESTEROL (INIBITION OF
HMG-CoA Redox ENZYME)



Milk Thistle:

STABILIZATION OF LIVER
MEMBRANES
PROTECTION FROM TOXIC
AGENTS
STIMULATION OF HEPATOCYTE
PROTEIN SYNTHESIS

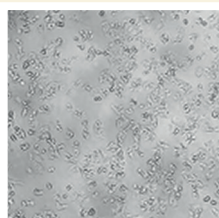
The product contains significative levels of those four phytoextracts.

Focus on:

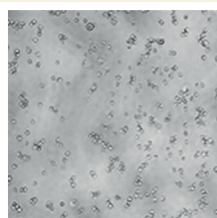
*The chelating action on the heavy metals CADMIUM, MERCURY and LEAD and the antioxidant activity of Epavin on heavy metals have been demonstrated in an in vitro study carried out on liver cells conducted by the Aldo Moro University of Bari – Department of Pharmacy and Pharmaceutical Sciences.



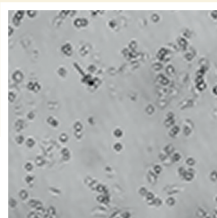
UNIVERSITÀ
DEGLI STUDI DI BARI
ALDO MORO



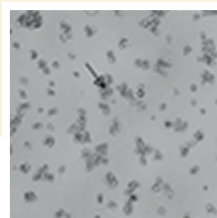
CTRL



Cd2+ 30 µM



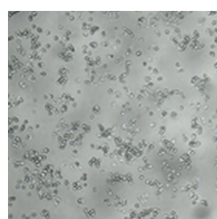
Hg2+ 30 µM



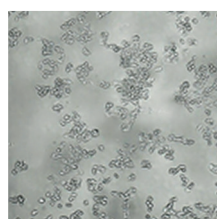
Pb2+ 30 µM



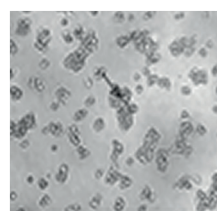
Epavin 500 µg/mL



Epavin 500 µg/mL
+
Cd2+ 30 µM



Epavin 500 µg/mL
+
Hg2+ 30 µM



Epavin 500 µg/mL
+
Pb2+ 30 µM

The study was conducting on Hep G2 cells examined the protective effect of the EPAVIN supplement against the toxicity of heavy metals (Cd²⁺, Hg²⁺, Pb²⁺). Hep G2 cells, under optimal conditions, maintain an epithelial morphology, but undergo significant alterations in the presence of heavy metals, with loss of cell adhesion and changes in shape and size. When treated with EPAVIN, even at low concentrations (500 µg/ml), the cells maintained their physiological morphology, suggesting that EPAVIN protects against morphological alterations due to its antioxidant properties.

MODALITÀ D'USO

30 drops twice a day (1 half pipette = 30 drops).

WARNINGS

Do not use during pregnancy and breastfeeding.

NUTRITIONAL INFORMATION

Average content of characterising ingredients	Maximum daily dose (60 drops = 2 ml)
Dandelion root	0,25 ml
Milk thistle fruit	0,25 ml
Artichoke leaves	0,25 ml
Barberry bark	0,25 ml
Boldo leaves	0,2 ml
Black radish	0,2 ml
Rubarb root	0,2 ml
Chrysanthemum aerial parts	0,2 ml
Desmodium leaves	0,1 ml
Combreto leaves	0,1 ml
Peppermint EO	0,02 ml
Rosemary EO	0,02 ml

ALCOHOL-FREE PRODUCT IN DILUTION:

25 drops in half a glass of water as per test report 23/00038915125.



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YOUR COUNTRY?

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SCIENTIFIC BIBLIOGRAPHY

- 1 - "Epidemiology and Risk Factors for Nonalcoholic Fatty Liver Disease: A Population-Based Study" (2022).
- 2 - S. R. Dincer, et al. (2013). "Effects of antioxidant therapy in the treatment of non-alcoholic fatty liver disease." Hepatitis Monthly, 13(8).
- 3 - Market analysis on product carried out through a comparison of NAFLD products present in the Italian Ministry of Health database.
- 4 - Choleretic activity and biliary elimination of lipids and bile acids induced by an artichoke leaf extract in rats. Saénz Rodríguez T, García Giménez D, de la Puerta Vázquez R. Phytomedicine. 2002 Dec;9(8):687-93. doi: 10.1078/094471102321621278.
- 5 - Functional and Therapeutic Potential of Cynara scolymus in Health Benefits. Porro C, Benameur T, Cianciulli A, Vacca M, Chiarini M, De Angelis M, Panaro MA. - Nutrients. 2024 Mar 17;16(6):872. doi: 10.3390/nu16060872.
- 6 - Berberine in Non-Alcoholic Fatty Liver Disease-A Review. Koperska A, Wesolek A, Moszak M, Szulińska M. Nutrients. 2022 Aug 23;14(17):3459. doi: 10.3390/nu14173459.
- 7 - Study in the process of publication: "Protective activity of Epavin, new comparisons of toxicity and oxidative stress induced by heavy metals" - Uniba - Department of Pharmacy, Pharmaceutical Sciences".



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