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SCIENCE MEDICINES HEALTH

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Committee on Herbal Medicinal Products (HMPC)

This document was valid from 6 May 2010 until September 2017. It is now superseded by a [new version](#) adopted by the HMPC on 19 September 2017 and published on the EMA website.

List of references supporting the assessment of *Ribes nigrum* L., folium;

Ribis nigri folium;
(blackcurrant leaf)

Final

The Agency acknowledges that copies of the underlying works used to produce this monograph were provided for research only with exclusion of any commercial purpose.

Andersson J., Bosvik R., Von Sydow E. The composition of the essential oil of black currant leaves (*Ribes nigrum* L.). J. Sci. FD. Agric. 1963; 14: 834-840.

Atkinson P., Blakeman JP. Seasonal occurrence of an antimicrobial flavanone, sakuranetin, associated with glands of leaves of *Ribes nigrum*. New Phytol. 1982; 92: 63-74.

Chanh PH., Ifansyah N., Chahine R., Mounayar-Chalfoun A., Gleye J., Moulis C. Comparative effects of total flavonoids extracted from *Ribes nigrum* leaves, rutin and isoquercitin on biosynthesis and release of prostaglandins in the ex vivo rabbit heart. Prostaglandins Leukotrienes and Medicine 1986; 22: 295-300.

Costantino L., Rastelli G., Rossi T., Bertoldi R., Albasini A. Activité antilipoperoxydante d'extraits polyphénoliques de *Ribes nigrum*. Plantes médicinales et phytothérapie 1993; tome XXVI, n°3: 207-214.

Decaux F. La feuille de cassis. Le Courrier Médical 1930; 80: 77-79.

Declume C. Anti-inflammatory evaluation of a hydroalcoholic extract of black black currant leaves (*Ribes nigrum*). J. Ethnopharmacol. 1989; 27: 91-98.



Delfosse M. Drogues végétales et plantes médicinales. APB (Belgian Pharmaceutical Society), Brussels 1998 pp. 118-119.

Dobson G. Leaf lipids of *Ribes nigrum*: a plant containing 16:3, α -18:3, γ -18:3 and 18:4 fatty acids. Biochemical Society Transactions 2000; 28 part 6: 583-586.

ESCOP. Monograph *Ribis nigri folium*. Blackcurrant leaf. ESCOP Monographs 2nd Ed. 2003 pp. 425-428.

Garbacki N., Angenot L., Bassleer C., Damas J., Tits M. Effects of prodelphinidins isolated from *Ribes nigrum* on chondrocyte metabolism and COX activity. Naunyn-Schmiedeberg's Arch. Pharmacol. 2002; 365: 434-441.

Garbacki N., Tits M., Angenot L., Damas J. Inhibitory effects of proanthocyanidins from *Ribes nigrum* leaves on carrageenin acute inflammatory reactions induced in rats. BMC Pharmacology 2004; 4: 25.

Garbacki N., Kinet M., Nusgens B., Desmecht D., Damas J. Proanthocyanidins, from *Ribes nigrum* leaves, reduce endothelial adhesion molecules ICAM-I and VCAM-I. J. Inflammation 2005; 2:9.

Garnier G., Boyager-Beauquesnes L., Delvaux G. Ressources médicinales de la flore Française. Vigot Ed., Paris 1961 pp. 707-708.

Hänsel R., Keller K., Rimpler H., Schneider G. Hagers Handbuch der Pharmazeutischen Praxis. Springer Verlag, Berlin 1994 pp. 466-472.

Lasserre B., Kaiser R., Pham Huu Chanh, Ifansyah N., Gleye J., Moulis C. Effects of rats of aqueous extracts of plants used in folk medicine as antihypertensive agents. Naturwissenschaften 1983; 70: 95-96.

Leclerc H. Précis de Phytothérapie. Masson Editeur 5^{ème} édition 1983 p. 75.

Mongold JJ., Susplugas P., Taillade C., Serrano JJ. Anti-inflammatory activity of *Ribes nigrum* leaf extracts in rats. Plantes Méd. Phytothér. 1993; 26: 109-116.

Pharmacopée Française. Monographie: Cassis (feuille de) *Ribis nigri folium*. Xième Ed. 1996.

Rácz-Kotilla E., Rácz G. Salidiuretische und hypotensive Wirkung der Auszüge von *Ribes* Blättern. Planta Med. 1977; 32: 110-114.

Rombi M. 100 Plantes médicinales. Editions Romart, Nice 1991 pp. 69-71.

Szentmihályi K., Kéry A., Then M., Lakatos B., Sándor Z., Vinkler P. Potassium-sodium ratio for the characterization of medical plant extracts with diuretic activity. Phytother. Res. 1998; 12: 163-166.

Tits M., Angenot L., Damas J., Dierckxsens Y., Poukens P. Anti-inflammatory prodelphinidins from black currant (*Ribes nigrum*) leaves. Planta Med. 1991; 57 Supplement Issue 2: A 134.

Tits M., Angenot L., Poukens P., Warin R., Dierckxsens Y. Prodelphinidins from *Ribes nigrum*. Phytochemistry 1992a; 31: 971-973.

Tits M., Poukens P., Angenot L., Dierckxsens Y. Thin-layer chromatographic analysis of proanthocyanidins from *Ribes nigrum* leaves. J. Pharmaceut. Biomed. Anal. 1992b; 10: 1097-1100.

Trajkovski V. Resistance to *Sphaerotheca mors-uvae* (Schw.) Berk. In: *Ribes nigrum* L. Swedish J. Agric. Res. 1974a; 4: 99-108.

Trajkovski V. Resistance to *Sphaerotheca mors-uvae* (Schw.) Berk. In: *Ribes nigrum* L. Swedish J. Agric. Res. 1974b; 4: 143-150.

Van Hellefont J. Fytotherapeutisch Compendium (Phytotherapeutic Formulary). APB (Belgian Pharmaceutical Society), Brussels 1985 pp. 515-517.

Wichtl M. Herbal Drugs. Ribis nigri folium. CRC Press London 1994 pp. 421-423.

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