



London, 4 September 2008
Doc. Ref. EMEA/HMPC/262645/2007

COMMITTEE ON HERBAL MEDICINAL PRODUCTS (HMPC)

LIST OF REFERENCES SUPPORTING THE ASSESSMENT REPORT ON:

**Menthae piperitae folium
Mentha x piperita L., folium
(peppermint leaf)**

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

Akdogan M, Ozguner M, Kocat A, Oncu M, Cicek E., Effects of peppermint teas on plasma testosterone, folliclestimulating hormone and luteinizing hormone levels and testicular tissues in rats. *Urology*, 2004c, 64:394-398.

Akdogan M., Gultekin F., Yontem M. Effect of *Mentha piperitae* (Labiatae) and *Mentha spicata* (Labiatae) on iron absorption in rats. *Toxicol. Health*, 2004a, 20:119-122

Akdogan M., Klinik I., Oncu M., Karaoz E, Delibas N. Investigation of biochemical and histopathological effects of *Mentha piperitae* L., and *Mentha spicata* L., on kidney tissue in rats. *Hum Exp Toxicol* 2003, 22: 213-219.

Akdogan M, Ozguner M, Aydin G, Gokalp O. Investigation of biochemical and histopathological effects of *Mentha piperitae* L and *Mentha spicata* L., on liver tissue in rats. *Hum Exp Toxicol* 2004b, 23:21-28.

Aktug SE, Karapinar M. Sensitivity of some common food-poisoning bacteria to thyme, mint and bay leaves. *Int. J Food Microbiol* 1986, 3:349-354

Alwan AH et al. Antiviral activity of some Iraqi indigenous plants. *Int J Crude Drug Res* 1988, 2:107-111

Ando S, Nishida T, Ishida M, Hosoda K, Bayaru E. Effect of peppermint feeding on the digestibility, ruminal fermentation and protozoa. *Livest. Prod. Sci.* 2003, 82: 245-248

Atta AH, Alkofahi A.. Anti-nociceptive and anti-inflammatory effects of some Jordanian medicinal plant extracts. *J Ethnopharmacol*, 1998; 60: 117-124.

Augiseau L., Barbin Y., Verbist J-F. Une intoxication par une infusion de menthe. *Plantes médicinales et phytothérapie*, 1987; 21 (2), 149-152.

Barberan, The flavonoid compounds from the Labiatae. *Fitoterapia*, 1986 LVII (2):67-95.

- Blumenthal M, Busse WR, Goldberg A, *et al.* (eds). The Complete Commission E Monographs: Therapeutic Guide to Herbal Medicines. Boston, MA: Integr. Med. Commun. 1998, 180–182.
- Bradley PR (Ed). British Herbal Compendium, Vol 1. Bournemouth, Dorset UK: British Herbal Medicine Association, 1992, 174–176.
- Costa Aloísio. Farmacognosia, 6th Ed, Fundação Calouste Gulbenkian, 2002 ; (1):562-571.
- Croteau R., Loomis WD. Biosynthesis of squalene and other triterpenes in *Mentha piperita* from mevalonate-2-¹⁴C. Phytochemistry 1973; 12:1957-1965.
- Della Loggia R, Tubaro A, Lunder TL. Evaluation of some pharmacological activities of a peppermint extract. Fitoterapia 1990; 61:215-221.
- Duband F, Carnat AP, Carnat A, PetitJean-Freytet C, Clair G, Lamaison JL. Composition aromatique et polyphénolique de l'infusé de Menthe, *Mentha x piperita* L. Ann. Pharm. Franç. 1992; 50(3):146-155.
- European Scientific Cooperative on Phytotherapy: E/S/C/O/P Monographs. The Scientific Foundation for herbal Medicinal products: *Menthae piperitae folium*. Peppermint leaf. Ed.2. Stuttgart 2003, New York: Georg Thieme-Verlag, 337-339.
- Evaluation of certain food additives. Fifty-first report of the Joint FAO/WHO Expert Committee on the Food Additives; WHO Geneve 2000.
- Final Report on the Safety Assessment of *Mentha piperita* oil, *Mentha piperita* leaf extract, *Mentha piperita* leaf and *Mentha* leaf water. Int. J. Toxicol. 2001; 20(suppl. 3):61-73,
- Fluckiger, F.A. and Hanbury. 1879. Pharmacographia. A History of the Principal Drugs of Vegetable Origin met within GB and British India. 2nd ed. London:Macmillian and Co.
- Foster S. Herbs for Your Health. Loveland, CO: Interweave Press, 1996, 72–73.
- Forster HB, Niklas H, Lutz S. Antispasmodic effects of some medicinal plants. Planta Medica 1980; 40:309-319.
- Forster H. Spasmolytische Wirkung pflanzlicher Carminativa. Z. Allg. Med. 1983; 59:1327-33.
- Guédon D., Pasquier B., Analysis and Distribution of Flavonoid Glycosides and Rosmarinic Acid in 40 *Mentha x piperita* Clones. J Agric Food Chem. 1994; 42: 679-684.
- Heinle H. Et Al, Intestinal spasmolytic effects of STW 5 (Iberogast®) and its components. Phytomedicine 2006; 13 :75-79.
- Herrmann EC Jr, Kucera LS. Antiviral substances in plants of the mint family (Labiatae). III. Peppermint (*Mentha piperita*) and other mint plants. Proceed Soc. Experiment Biol Med.1967:874–878.
- Hoffmann B., Lunder L. Flavonoids from *Mentha piperita* Leaves. Planta Med. 1984 Aug; 50(4):361
- Inoue T., Sugimoto Y., Masuda H., Kamei C., Effects of Peppermint (*Mentha piperitae* L.) Extracts on Experimental Rhinitis in Rats. Biol. Pharm. Bull. 2001; 24(1):92-95
- Julien F., Voiron B., Bernillon J., Fabre-Bonvin J. Highly oxygenated flavones from *Mentha piperita*. Phytochemistry, 1984; 23:2972-2973.
- Khayyal M.T., Ghazaly M.A., Kenawy S.A., Seif-el-Nasr, Mahram L., Kafafi Y., Okpahyi S., Antiulcerogenic Effect of Some Gastrointestinally Acting Plant Extracts and Their Combination. Arzneimittelforschung/Drug Res. 51(II), 545-553 (2001)
- Lallement-Guilbert N, Bézanger-Beauquesne L. Recherches sur les flavonoïdes de quelques Labiées médicinales (romarin, menthe poivrée, sauge officinale). Plant. Méd. Phytothér. 1970; 4:92-107.
- Litvinenko VI, Popova TP, Simonjan AV, Zoz IG, Sokolov VS. “Gerbstoffe” und Oxyzimtsäureabkömmlinge in Labiatian. Planta Medica 1975; 27:372-380.

Madisch et al, Treatment of Functional Dyspepsia with a Herbal Preparation. *Digestion* 2004; 69:45-52

Melzer et al, Meta-analysis: phytotherapy of functional dyspepsia with the herbal drug preparation STW 5(Iberogast) (Abstract) *Aliment. Pharmacol. & Therap.* 2004; Vol. 20:1279

Menthae piperitae folium (Pfefferminzblätter). Blaschek, W., R. Hänsel, K. Keller, J. Reichling, H. Rimpler & G. Schneider. HagerROM 2006 - © 2006 Springer Medizin Verlag Heidelberg

Mckay D.L., Blumberg J.B., A review of the Bioactivity and potential health benefits of Peppermint tea (*mentha piperita* L.), *Phytother. Res.*, 2006 Aug; 20(8):619-633.

Nadkarni's. *Indian Materia Medica*. Bombay, Popular Prakashan 1999; (1); 788-790.

Pasechnik IK, Gelia EV. Choleric preparation from peppermint. *Farm. Zh.* (1Gey) 1966, 21:49-53; through *Chem. Abstr.* 1967;66:36450.

Pasechnik IK. Study of choleric properties specific to flavonoids from *Menthae piperita* leaves. *Farmakol. Toksikol.* 1966; 29:735-737; through *Chem. Abstr.* 1967; 66:54111.

Peppermint; American Botanical Council, *HerbalGram*. 2006; 72:1, 4-5.

Peppermint Leaf– *Menthae piperitae folium*. European Pharmacopoeia 6.0 Council of Europe. 01/2008:0406

Proença da Cunha et al, Plantas e produtos vegetais em Fitoterapia, Fundação Calouste Gulbenkian, 2003, 388-390.

Romero-Jimenez M, Campos-Sanchez J, Analla M, Munoz-Serrano A, Alonso-Moraga A, Genotoxicity and anti-genotoxicity of some traditional medicinal herbs. *Mutat. Research*, 2005; 585(1-2):147-155

Samman MA, Bowen ID, Taiba K, Antonius J, Hannan MA, Mint prevents shama-induced carcinogenesis in hamster cheek pouch. *Carcinogenesis* 1998; 19:1795-1801.

Sameena Y, Ashok K, Evaluation of chemoprevention of skin papilloma by *M. piperitae* J. *Med. Arom. Plant Sci.* 2001, 22:84-88.

Samarth RM, Goyal PK, Kumar A. Protection of Swiss albino mice against whole-body gamma irradiation by *Mentha piperita* (Linn). *Phytother. Res.* 2004; 18:546-550.

Samarth RM, Panwar M., Kumar M., Kumar A., Protective effects of *Mentha piperitae* Linn on benzo[a]pyrene-induced lung carcinogenicity and mutagenicity in Swiss albino mice. *Mutagenesis* 2006; 21(1):61-66.

Samarth RM, Goyal PK, Kumar A., Modulation of Serum Phosphatases Activity in Swiss Albino Mice Against Gamma Irradiation b *Mentha piperitae* Linn. *Phytother. Res.* 2002; 16, 586-589

Schemann et al, Region-specific effects of STW5 and its components in gastric fundus, corpus and antrum. *Phytomedicine* 2006; 13, 90-99.

Schilcher H. *Phytotherapy in Paediatrics*. Stuttgart: Medpharm Scientific Publishers, 1997, 80.

Sigmund DJ, McNally EF. The action of a carminative on the lower oesophageal sphincter. *Gastroenter.* 1969; 56:13–18.

Steinmetzer K. Experimentelle Untersuchungen uber Cholagoga. *Wiener Klin. Wschr.* 1926; 39:1418-22; 1455-1457.

Steinegger E, Hiinsel R. Pfefferrninzbltdter undPfefferminzbl. In: *Pharmakognosie*, Sth ed. Ber-lin: Springer-Verlag, 1992: 302-304.

Tinctura Menthae piperitae. *Ergänzungsbush um Deutschen Arzneibuch*. Deutscher Apotheker-Verlag, Stuttgart, 1953: 496.

Wichtl M. *Herbal Drugs and Phytopharmaceuticals*. Boca Raton, FL: CRC Press, 1994, 336–338.