List of references supporting the assessment of *Vaccinium macrocarpon* Aiton, fructus

Final

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


Ansell J. Cranberry juice is safe to consume with warfarin! Carver (MA): Cranberry Institute. 2011, 2 p


Aston JL, Lodolce AE, Shapiro NL. Interaction between warfarin and cranberry juice. *Pharmacotherapy* 2006, 26(9):1314-1319


Basu A, Betts NM, Ortiz J, Simmons B, Wu M, Lyons TJ. Low energy cranberry juice decreases lipid oxidation and increases plasma antioxidant capacity in women with metabolic syndrome. *Nutr Res* 2011, 31:190-6


Blatherwick NR. The specific role of foods in relation to the composition of the urine. *Arch Intern Med (Chic)* 1914, 14(3):409-450


Accessed 12/12/2016


Brinker F. Herb Contraindications and Drug interactions. 4th ed. Sandy (OR) Eclectic Medical Publications 2010

Broussard CS, Louik C, Margaret A. Honein MA. OBSTETRICS. Herbal use before and during pregnancy American Journal of Obstetrics & Gynecology 2010, 202:443.e1-6 Available at: https://www.ajog.org/action/showPdf?pii=S0002-9378%2809%2902003-1


Burleigh AE, Benck SM, McAchran SE, Reed JD, Krueger CG, Hopkins WJ. Consumption of sweetened, dried cranberries may reduce urinary tract infection incidence in susceptible women – a modified observational study. *Nutr J* 2013, 12(1):139


Chen CS, Ho DR, Chang PJ, Lin WY, Huang YC. Urine post equivalent daily cranberry juice consumption may opsonize uropathogenicity of Escherichia coli. *J Infect Chemother* 2013, 19(5):812-817


Cunningham DG, Santos AF, Serres RA. Chapter 5, Color Quality of Cranberry Products American Chemical Society 2008, 54-68


EFSA. European Food Safety Authority Scientific Opinion on the substantiation of a health claim related to CranMax® and reduction of the risk of urinary tract infection by inhibiting the adhesion of certain


ESCP Monographs 2020

Esquivel-Alvarado D, Alfaro-Viquez E, Krueger CG, Vestling MM, Reed JD. Classification of proanthocyanidin profiles using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS) spectra data combined with multivariate analysis. *Food Chem* 2021a, 336:127667


Esquivel-Alvarado D, Reed JD, Krueger CG. Chapter 5 Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS) of proanthocyanidins to determine authenticity of functional foods and dietary supplements. In: Reed JD, Pereira de Freitas VA, Quideau S, editors. Recent Advances in Phytochemical Research. Vol. 7. John Wiley & Sons Ltd, 2021c, 113-129

European Commission: Commission Implementing Decision (EU) 2017/1445 of 8 August 2017 on the group of products whose principal intended action, depending on proanthocyanidins (PAC) present in cranberry (Vaccinium macrocarpon), is to prevent or treat cystitis. *Official Journal of the European Union* 10.08.2017, L207/28; Available at: https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017D1445&from=RO


Guay DRP. Cranberry and urinary tract infections. *Drugs* 2009, 69(7):775-807


Howell AB, Leahy M, Kurowska E, Guthrie N. *In vivo* evidence that cranberry proanthocyanidins inhibit adherence of P-fimbriated E. coli bacteria to uroepithelial cells. *FASEB* 2001, 15:A284


powder standardized for proanthocyanidins content: a multicentric randomized double blind study. *BMC Infect Dis* 2010, 10:94


Kinney AB, Blount M. Effect of cranberry juice on urinary pH. *Nursing research* 1979, 28(5):287-290


Krueger CG, Reed JD, Feliciano RP, Howell AB. Quantifying and characterizing proanthocyanidins in cranberries in relation to urinary tract health. *Anal Bioanal Chem* 2013a, 405:4385-4396


LaPlante KL, Sarkisian SA, Woodmansee S, Rowley DC, Seeram NP. Effects of cranberry extracts on growth and biofilm production of *Escherichia coli* and *Staphylococcus* species. *Phytother Res* 2012, 26(9):1371-1374


Liu Y, Black MA, Caron L, Camesano TA. Role of cranberry juice on molecular-scale surface characteristics and adhesion behaviour of *Escherichia coli*. *Biotechnol Bioeng* 2006, 93(2):297-305


McKay DL, Chen CY, Zampariello CA, Blumberg JB. Flavonoids and phenolic acids from cranberry juice are bioavailable and bioactive in healthy older adults. *Food Chem* 2015, 168:233-240


Milbury PE, Vita JA, Blumberg JB. Anthocyanins are bioavailable in humans following an acute dose of cranberry juice. *J Nutr* 2010, 140(6):1099-1104


Mohamed ME, Frye RF. Inhibitory effects of commonly used herbal extracts on UDP-glucuronosyltransferase 1A4, 1A6, and 1A9 enzyme activities. *Drug Metab Dispos* 2011, 39(9):1522-1528


Ocean Spray Cranberry product. Available at: [www.oceanspray.de](http://www.oceanspray.de)


Risco E, Miguélez C, Sánchez de Badajoz E, Rouseaud A. Effect of american cranberry (Cysticlean) on Escherichia coli adherence to bladder epithelial cells. *In vitro* and *in vivo* study. *Arch Esp Urol* 2010, 63(6):422-430

Rodríguez-Pérez C, Quirantes-Piné R, Uberos J, Jiménez-Sánchez C, Peña A, Segura-Carretero A. Antibacterial activity of isolated phenolic compounds from cranberry (*Vaccinium macrocarpon*) against Escherichia coli. *Food Funct* 2016, 7(3):1564-1573


Siciliano AA. Cranberry, Vaccinium macrocarpon. HerbalGram 1996, 38:50-54

Singh I, Gautam LK, Kaur IR. Effect of oral cranberry extract (standardized proanthocyanidin-A) in patients with recurrent UTI by pathogenic E. coli: a randomized placebo-controlled clinical research study. Int Urol Nephrol 2016, 48(9):1379-1386


Stothers L. A randomized trial to evaluate effectiveness and cost effectiveness of naturopathic cranberry products as prophylaxis against urinary tract infection in women. Can J Urol 2002, 9(3):1558-1562


Terris MK, Issa MM, Tacker JR. Dietary supplementation with cranberry concentrate tablets may increase the risk of nephrolithiasis. Urology 2001, 57(1):26-9


U.S. Department of Health and Human Services & National Institutes of Health Urinary Tract Infection in adults 2005


U.S. Department of Health and Human Services & National Institutes of Health, Herbs at a glance Cranberry 2010


Welch JM, Forster K. Probable elevation in International Normalized Ratio from cranberry juice. Pharm Technol 2007, 23:104-7


**Articles reviewed, but not mentioned in the Assessment report:**


Fellers CR. Esselen WB. Cranberries and Cranberry Products, Amherts, Bulletin 481, May 1955


Liu H, KhooC. A Randomized, Double-Blind, Placebo-Controlled Pilot Study to Assess the Urinary Anti-Adhesion Activity Following Consumption of Cranberry + health™ Cranberry Supplement. *Current Developments in Nutrition* 2019, 3(1):P06-114-19


Storm DW, Braga LH, Cooper CS. Continuous Antibiotic Prophylaxis in Pediatric Urology. Urologic Clinics of North America 2018


