



ປຣິມານຟູອອໂຣດໃນນ້ຳໜ້າເຂົ້າພົວມື່ມ

ປະກາຕີຣີ ວິໄຕຕັນພັງໝໍ* ທ.ບ., ປ.ບັນທຶກ (ທັນຕຽມສໍາຫຼັບເຕັກ), ວ.ມ. (ທັນຕຽມເຕັກ), Cert. in Orthodontics
ຄັດເຄົ້າ ວົງໝໍສວຣຄໍ* ວ.ບ., ທ.ບ., ປ.ສັ້ນສູງ(ທັນຕຽມສໍາຫຼັບເຕັກ), Cert. in Training Orthodontics

ຖີ່ ສຸຮາຖຸທີ່** ວ.ບ., ວ.ມ. (ຊົວເຄມີ), Ph.D. (Oral Biology)

*ກາລົວືຈາກທັນຕຽມສໍາຫຼັບເຕັກ ຄະນະທັນຕແພຍຄາສຕ່ຽມ ມາວິທາງລ້ຽມທິດລ 6 ດ.ໂຢີ ເຂດราชເທິງ ກຣູງເທິງ 10400

**ກາລົວືຈາກສ້າງວິທາຍາແລະຊົວເຄມີ ຄະນະທັນຕແພຍຄາສຕ່ຽມ ມາວິທາງລ້ຽມທິດລ 6 ດ.ໂຢີ ເຂດราชເທິງ ກຣູງເທິງ 10400

ບທຄັດຍ່ອ

ໃນປັຈຸບັນນີ້ການບຣໂໂກນ້ຳເຂົ້າເຂົ້າໄດ້ຮັບຄວາມນິຍມອ່າງມາກທັງໃນເຕັກແລະຜູ້ໃໝ່ ເນື່ອຈາກມີງາຍຈານວ່າໃນນ້ຳມີປຣິມານຟູອອໂຣດສູງແຕ່ການຕຶກໜາປຣິມານຟູອອໂຣດໃນນ້ຳເຂົ້າພົວມື່ມດື່ມໃນປະເທດໄທຍ່າງມີການທຳວິຈິນນ້ອຍ ດັ່ງນັ້ນການວິຈິຍຄຽງນັ້ງມີວັດຖຸປະສົງທີ່ຈະຕຶກໜາເຖິງປຣິມານຟູອອໂຣດໃນນ້ຳເຂົ້າເຂົ້າພົວມື່ມດື່ມໃນປະເທດໄທຍ່າງ ວິທີການທົດລອງ ເລືອກນ້ຳເຂົ້າພົວມື່ມທີ່ໄດ້ຮັບຄວາມນິຍມມາ 10 ຍື້ທ້ອ ທຳກາວວັດປຣິມານຟູອອໂຣດໂດຍການໃຊ້ຟູອອໂຣດອີເລັດໂກຣດ ລົກການທົດລອງພບວ່າປຣິມານຟູອອໂຣດທີ່ວັດໄດ້ມີຄ່າອູ້ໃນຊ່ວງ $0.102-2.033$ ສ່ວນໃນລ້ານສ່ວນ (ຄ່າເລື່ອງ = 0.579 ± 0.567 ສ່ວນໃນລ້ານສ່ວນ) ໂດຍປຣິມານຟູອອໂຣດນາກທີ່ສຸດຄືອໜະ ມີປຣິມານຟູອອໂຣດ 2.033 ± 0.124 ສ່ວນໃນລ້ານສ່ວນ ແລະນ້ອຍທີ່ສຸດຄືອມາໃນນຸ່ໂດຍມີປຣິມານຟູອອໂຣດ 0.102 ± 0.009 ສ່ວນໃນລ້ານສ່ວນ

ຮັສຄໍາ: ພູອອໂຣດ, ນ້ຳເຂົ້າ

ປະກາຕີຣີ ວິໄຕຕັນພັງໝໍ, ຄັດເຄົ້າ ວົງໝໍສວຣຄໍ, ຖີ່ ສຸຮາຖຸທີ່. ປຣິມານຟູອອໂຣດໃນນ້ຳເຂົ້າພົວມື່ມ ວ.ທັນຕ.ມທິດລ 2549; 26: 153-157.



Fluoride content in ready-to-drink green tea

Praphasri Rirattanapong* D.D.S., Grad. Dip. in Clin. Sc. (Pediatric Dentistry), M.Sc. (Pediatric Dentistry), Cert. in Orthodontics

Katkao Vongsavan* B.Sc., D.D.S., Grad. Dip. in Clin. Sc. (Pediatric Dentistry), Cert. in Training Orthodontics

Rudee Surarit** B.Sc., M.Sc. (Biochemistry), Ph.D. (Oral Biology)

*Department of Pediatric Dentistry, Faculty of Dentistry, Mahidol University. 6 Yothi Street, Rachathewi, Bangkok 10400 Thailand.

**Department of Physiology, Faculty of Dentistry, Mahidol University. 6 Yothi Street, Rachathewi, Bangkok 10400 Thailand.

Abstract

Nowadays Green tea has been increasingly seen as a popular drink for both children and adults. Tea leaves were reported to contain a relatively high level of fluoride. There still not so many researches about fluoride amount being contained within the ready-to-drink green teas which have been sold in Thailand. Therefore, the objective of this study is to determine the fluoride content in the green tea drinks sold in Thailand. 10 brands of most popular green tea drinks, which are sold in Thailand were selected. Methods : the Fluoride contents of each brand were measured by using the fluoride electrode. The results shown that, fluoride concents in ready-to-drink green teas were found to be in the range of 0.102 to 2.033 ppm (mean = 0.579 ± 0.567 ppm). The highest and the lowest level of fluoride were found in Zencha with total fluoride contents of 2.033 ± 0.124 ppm and Manobu with total fluoride contents of 0.102 ± 0.009 ppm respectively.

Key words: Fluoride, green tea

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