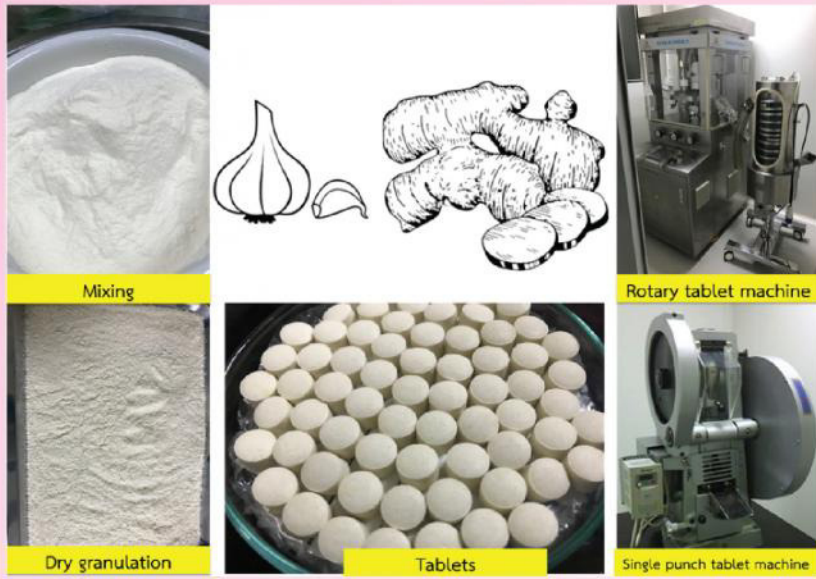




FEMININE HYGIENE PRODUCTS OF THAI MEDICINAL HERB EXTRACTS



Product Feature

Vulvovaginal candidiasis (VVC) affects to health in women worldwide. The U.S.FDA approval clotrimazole vaginal tablet for treated vaginal candida infection. Currently, the incidence of *Candida spp* resistance to clotrimazole vaginal tablets are increasing and online shopping in many countries have the herb for vaginal used in many indications such as treatment vaginal candidiasis, unpleasant smell of vaginal discharge. Many products are illegal trade and unsafe to use. The mixture of garlic and galangal extracts had the strong inhibition zone (11.5 mm), great MIC (0.78 mg/mL) and MFC (1.56 mg/mL) and vaginal tablets meet the requirement of the USP35/NF30. It is possibly developed to be an anticandidal medicines and feminine hygiene products for decreasing import of feminine hygiene products from aboard and adding value to Thai medicinal herb.



Innovation

- Alternative choice of Thai medicinal herbs for patients who have a clotrimazole resistance and allergic to modern medicine.
- Galangal and garlic are compose in Thailand's National List of Essential Herbal Medicines (NLEM) 2016, the recommended regimen for reduce of leucorrhea in women's.
- Vaginal tablets from Thai medicinal herbs to treat VVC are meet the requirements of the USP35/NF30.
- Gentle products
- The cost of galangal and garlic vaginal tablets are only \$0.001 per tablet, it can commercial competition with modern medicines and adding economic value to Thai medicinal herb.

Application

- Economic: Influence of Thai medicinal herb product use to reduce the Thailand import of modern medicine and decrease side effect from illegal vaginal tablets.
- Social: Transfer Thai medicinal herb tablets technology to Thai students of applied Thai traditional medicine and pharmaceutical sciences.
- Commercial: On process furthering commercial products with TP4 international Co., Ltd.



IP Status

1703000837

Ms. Em-on Chairateep

Rajamangala University of Technology Thanyaburi

39 Moo1, Rangsit-Nakhonnahyok Rd., Klong Hok Thanyaburi, Pathumthani, Thailand 12110

e-mail : emon_c@rmutt.ac.th

Tel. +66 92 654 6689

