

**Specification : KAMELIA Forte : Miang Extract Shot Drink**

**(Manose PS-0007)**

**(Application : For refreshing and cigarettes craving)**

1. **Name** : KAMELIA Forte Miang Extract Shot Drink
2. **Active Compositions** : *Camellia sinensis* var. *assamica* fermented extract, Mix Berry and etc.
3. **FDA Registration No.** : In process of registration as beverage in sealed container
4. **Biological activities** : Refreshing/sprightly effect and fatigue reduction
  - Miang extract which is an active constituent in the shot drink at the dose of 200 mg/kg body weight showed wakefulness effect of about 2 times in mice with the onset to sleep of 25.00±7.53 min and the duration of sleep of 5.75±2.17 min, whereas, the onset to sleep and duration of sleep of normal mice were 11.50±3.38 and 16.50±11.20 min, respectively.
5. **Phytochemical constituents/ Standardization** : Catechins, flavonoids, anthocyanins, phenolic acids and nicotine/ HPLC fingerprint using nicotine as a marker/ the extract found the peak of nicotine at 9.775 mins, of 10.83 mg/g of extract
6. **Characteristics**
  - **Physical appearance** : Reddish brown liquid
  - **pH** : 3.6
  - **Odor** : Herbal and fruit odor
  - **Taste** : Sweet as fruit juice

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7. **Indication and use** : Take 1 bottle for refreshing and cigarette craving is equal to one Miang chewing. One bottle each time for the total of 4 bottles are equal to the taking of one cigarette. (when calculated from the nicotine contents)
  8. **Stability** : Physically stable by heating-cooling process for 3 cycles
  9. **Microbial Contamination** : No pathogenic microorganism contamination and the amounts of the aerobic bacteria, yeast and fungi are less than 1,000 cfu/g which is in an acceptable range of the Thai FDA, Ministry of Public Health.
  10. **Shelf life at 25 °C** : 3 years
  11. **Safety Evaluation** : The medicinal plant compositions are edible./ LD<sub>50</sub> > 5 g/kg BW in rats
  12. **Packaging and Storage** : Amber bottles with sealed cap
  13. **Precaution** : Stop taking when there is any undesirable reaction
  14. **Cost** : Please request

**Reference:**

1. Manose In-house Project “Development of Miang Extract Shot Drink for Refreshment and Cigarettes Craving” Manose Health and Beauty Research Center (www.manose.co), unpublished, 2024.