

Specification : KA-BOOST : Mixed Medicinal Plant and Miang Extract

Shot Drink (Manose PS-0008)

(Application : refreshing shot drink)

-
- Name** : KA-BOOST Mixed Medicinal Plant and Miang Extract Shot Drink
 - Active Compositions** : Mixed medicinal plant extracts with *Camellia sinensis* var. *assamica* fermented extract, Mix Berry and etc.
 - FDA Registration No.** : In process of registration as beverage in sealed container
 - Biological activities** : Refreshing/sprightly effect and fatigue reduction
 - Mixed medicinal plant extracts with Miang extract which is an active constituent in shot drink at the dose of 50 mg/kg body weight showed wakefulness effect of about 2 times in mice with the onset to sleep of 15.75 ± 3.68 min and the duration of sleep of 9.75 ± 2.46 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.
 - Phytochemical constituents/ Standardization** : Catechins, flavonoids, anthocyanins, phenolic acids and nicotine/ HPLC fingerprint using nicotine as a marker/ the extract found nicotine at 13.649 mins, of 4.05 mg/g of extract
 - Characteristics**
 - **Physical appearance** : Reddish brown liquid

An International Leader in Research and Development of Natural Products

ผู้นำระดับนานาชาติในการวิจัยและพัฒนาผลิตภัณฑ์ธรรมชาติ

-
- | | |
|----------------------------|--|
| - pH | : 3.8 |
| - Odor | : Herbal and fruit odor |
| - Taste | : Sweet as fruit juice |
| 7. Indication and use | : Take 2 bottles for refreshing. |
| 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 ₅₀ > 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Extract Shot Drink for Refreshment and Cigarettes Craving” Manose Health and Beauty Research Center (www.manose.co), unpublished, 2024.