

Specification : Lypose (Manose PS-0002)**(Application : Tonic for weight loss purpose)**

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- Name** : **Lypose Capsule**
- Active Compositions** : Guava powder (*Psidium guajava* L.)
and the extracts from Thai medicinal plants
including Common Bean (*Phaseolus vulgaris*
L.) and Kha (*Alpinia galanga* (L.) Willd.)
- Thai FDA Registration No.** : 13-2-02053-5-0006 (Food Supplement)
- Biological Activities of the extract** : 3 mechanisms of action :
1. Lipase inhibitory activity : The extract gave lipase inhibition activity with the IC_{50} value of 0.40 mg/ml which was 2.15 folds of Orlistat ($IC_{50} = 0.86$ mg/ml)
 2. α -glucosidase inhibitory activity: The extract gave α -glucosidase inhibition activity with the IC_{50} value of 0.056 mg/ml which was 6.43 folds of Acarbose ($IC_{50} = 0.36$ mg/ml)
 3. α -amylase inhibitory activity : The extract gave α -amylase inhibition activity with the IC_{50} value of 1.83 mg/ml which was 0.03 fold of Acarbose ($IC_{50} = 0.05$ mg/ml)
- Characteristics of the extract** :
- Physical appearance : Brown solid
 - pH : 5
 - Odor : Herbal odor
 - Phytochemical contents : flavonoids, phenolic compounds, volatile oils
- Dosage form** : The capsule of 500 mg containing 250 mg of the extract
- Indication** : Tonic for weight loss purpose
- Dose** : Take 1 capsule during or within 1 hour after meal for 1-2 months

- Stability** : Physically and chemically stable at 4, 45 and 30°C for 3 months
- Microbial Contamination** : None
- Shelf life** : 3 years
- Standardization** : HPLC fingerprint using tannin as a marker
- Safety Evaluation** : No toxicity of the extract in Wistar rats with the LD₅₀ of over 5g/kilogram body weight
- Packaging and Storage** : 3 blister packs in one box with 10 capsules in each blister pack. Keep in cool place and protect from light
- Precaution** : Not for children under 12 years old



Lypose Capsule