

Specification : ED16 medicinal plant recipe extract /

สารสกัดตำรับยาสมุนไพร ED16

(Manose RM-0025)

(Application : An active ingredient for analeptic and  
erectile dysfunction improvement food supplements / สารสำคัญใน  
ผลิตภัณฑ์เสริมอาหารบำรุงกำลังในสุขภาพบุรุษและอาการเสื่อมสมรรถภาพทางเพศ)

1. Name of the raw material : ED16 medicinal plant recipe extract
2. Active components : Flavonoids, sesquiterpene lactones, phenolic compounds<sup>(1)</sup>
3. Common and scientific name/  
Family of the plant : Containing Prickly-leaved elephant's foot  
(*Elephantopus scaber* L.)/ COMPOSITAE, etc.
4. Physical appearance : Brownish solid with specific herbal odor
5. pH : 5
6. Standardization : HPLC fingerprint using gallic acid as a marker
7. Solubility : Soluble in water

8. **Microbial contamination** : No pathogenic microorganism with less than 1,000 cfu/g of the total plate count of bacteria, yeast and fungi which is conformed to the Thai FDA regulation
9. **Biological activities** : Phosphodiesterase 5 (PDE 5) inhibition
10. **Animal / human performance test** : Analeptic and erectile dysfunction improvement in male
11. **Safety** : No skin irritation in human volunteers / LD<sub>50</sub> > 5 g/kg BW in rats
12. **Pharmaceutical, food supplement or cosmetic applications** : Analeptic and erectile dysfunction improvement food supplement products
13. **Recommended concentrations in the product** : Content (mg) in the product : 207 mg/capsule
14. **Storage** : Keep in tight and light protection container at room temperature
15. **Precautions** : Discontinue use if there is any adverse effect

16. Cost per kg : Please request

## Reference

1. Hiradeve SM, Rangari VD. (2014) *Elephantopus scaber* Linn.: A review on its ethnomedical, phytochemical and pharmacological profiles. *Journal of Applied Biomedicine*. 12: 49-61