

Specification : ED16 medicinal plant recipe extract/

สารสกัดตำรับยาสมุนไพร ED16 (Manose RM-0025)

(Application : An active ingredient for analeptic and erectile dysfunction

improvement food supplements / สารสำคัญในผลิตภัณฑ์เสริมอาหาร

บำรุงกำลังในสุขภาพบุรุษและอาการเสื่อมสมรรถภาพทางเพศ)

1. Name of the raw material : ED16 medicinal plant recipe extract
2. Active components : Flavonoids, sesquiterpene lactones, phenolic compounds⁽¹⁾
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 / LD₅₀ > 5 g/kg BW in rats

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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