

**Specification of ED16 medicinal plant recipe extract (Manose RM-025)**

1. **Name of the raw material** : ED16 medicinal plant recipe extract
2. **Active components** : Flavonoids, sesquiterpene lactones, phenolic compounds<sup>(1)</sup>
3. **Scientific name of the plant / Family** : Containing Prickly-leaved elephant's foot  
(*Elephantopus scaber* L.)/ COMPOSITAE, etc.
4. **Physical appearance of the raw material** : Brownish solid with specific odor
5. **pH of the raw material** : 5
6. **Standardization of the raw material** : HPLC fingerprint using gallic acid as a marker
7. **Solubility** : Soluble in water
8. **Microbial contamination** : None
9. **Biological activities** : Phosphodiesterase type 5 inhibition
10. **Safety** : No skin irritation in human volunteers / LD<sub>50</sub> > 5  
g/kg BW in rats
11. **Animal / human performance test** : Analeptic and erectile dysfunction improvement in  
male
12. **Pharmaceutical, food supplement or cosmetic applications**  
: Analeptic and erectile dysfunction improvement  
food supplement products
13. **Content (mg) in the product** : 207 mg/capsule
14. **Storage** : Keep in tight and light protection container at room  
temperature
15. **Precautions (if any)** : Discontinue use if there is any adverse effect
16. **Cost per kg** : -

## Reference

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