

Specification : Inhaler (Yaa Dome) : Relaxing Formula 2 (Manose PR-0020)

(Application : For inhalation)

1. Name : Inhaler (Yaa Dome) : Relaxing Formula 2
2. Active Compositions : Eucalyptus oil, menthol and others
3. FDA Registration No. : In the process of cosmetic product notification with Thai FDA
4. Characteristics
 - Physical appearance : Light yellowish clear solution
 - pH : 5
 - Odor : Light herbal odor
5. Standardization : HPLC fingerprint using γ -oryzanol as a marker
6. Biological activities :
 - Antioxidative activity by DPPH free radical scavenging at the SC_{50} value of 13.41 mg/ml in comparing to the standard, ascorbic acid which gave the SC_{50} value of 0.13 mg/ml
 - Anti-inflammatory activity by inhibition of denaturation by heat of albumin from egg white with the IC_{50} value of 7.99 mg/ml in comparing to the standard inflammatory drug, diclofenac which gave the IC_{50} value of 1.90 mg/ml
 - Immunomodulatory activity by the phagocytosis induction of neutrophil with the percentage of 35.13 % in comparing to lipopolysaccharide (LPS), the positive control, which gave the percentage of 39.80 %
7. Clinical Performance : -
8. Microbial Contamination : No pathogenic microorganism contamination. The amounts of the aerobic bacteria, yeast and fungi are less than 1,000 cfu/g which is in the acceptable range of Thai FDA, Ministry of Public Health

- 9. Safety Evaluation : No skin irritation on human volunteers/ No cytotoxicity on human gingival fibroblasts
- 10. Stability : Physically stable at 45 °C for 3 months
- 11. Shelf life at 30 °C : 2-3 years
- 12. Indication and use : For inhalation when needed
- 13. Packaging and Storage : 1-2 ml in an inhaler tube or bottle or in tight and light protection container in cool place
- 14. Precaution : -
- 15. Cost : Please request