

Specification : Mangosteen peel extract /

สารสกัดเปลือกมังคุด (Manose RM-0019)

(Application : An active ingredient for anti-inflammatory / anti-cancer food supplements and anti-wrinkle cosmetic products / สารสำคัญในผลิตภัณฑ์เสริมอาหารต้านการอักเสบ / ต้านมะเร็ง และผลิตภัณฑ์เครื่องสำอางต้านริ้วรอย)

1. Name of the raw material : Mangosteen peel extract
2. Active components : xanthones, flavonoids and triterpenes⁽¹⁾
3. Scientific name of the plant / Family : Mangosteen peel (*Garcinia mangostana* L.)/
GUTTIFERAE
4. Physical appearance : Dark brownish solid with specific herbal odor
5. pH : 5
6. Standardization : HPLC fingerprint using α -mangostin as a marker⁽²⁾
7. Solubility : Soluble in water and ethanol
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

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ผู้นำระดับนานาชาติในการวิจัยและพัฒนาผลิตภัณฑ์ธรรมชาติ

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| 9. Biological activities | : Anti-inflammation ⁽³⁾ , anti-bacterial ⁽⁴⁾ ,
anti-cancer ⁽⁵⁾ and anti-oxidation ⁽⁶⁾ |
| 10. Animal / human
performance test | : Anti-inflammation ⁽³⁾ , anti-cancer ⁽⁵⁾ and
anti-oxidation ⁽⁶⁾ in animals |
| 11. Safety | : No skin irritation in human volunteers |
| 12. Pharmaceutical, food
supplement or cosmetic
applications | : Anti-inflammatory and anti-cancer food
supplement and anti-wrinkle cosmetics
products |
| 13. Recommended
concentrations in the
product | : 0.1 – 5 % w/w |
| 14. Storage | : Keep in tight and light protection container at
room temperature |
| 15. Precautions | : None |
| 16. Cost per kg | : Please request |

References

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