

Specification : Indian Gooseberry Extract / สารสกัดมะขามป้อม

(Manose RM-0060)

(Application : An active ingredient for immunity enhancement,
memory enhancement and antitussive food supplements

สารสำคัญในผลิตภัณฑ์เสริมอาหาร กระตุ้นภูมิคุ้มกัน เพิ่มความจำและแก้ไอ)

1. Name of the raw material : Indian Gooseberry Extract
2. Active components : Tannins, alkaloids and phenolic compounds⁽¹⁾
3. Common and scientific name/ Family of the plant : Indian Gooseberry (*Phyllanthus emblica* Linn.)/
PHYLLANTHACEAE
4. Physical appearance : Brownish solid with specific herbal odor
5. pH : 5
6. Standardization : HPLC fingerprint using gallic acid 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
9. Biological activities : Anti-oxidative activity⁽³⁾, immunity enhancement⁽⁴⁾,
memory enhancement⁽⁵⁾, analgesic⁽⁶⁾ and
anti-cough⁽⁷⁾
10. Animal / human performance test : Immunity enhancement⁽⁴⁾, analgesic and antitussive⁽⁷⁾
in animals
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 : Immunity enhancement/ memory enhancement and antitussive food supplements
 13. Recommended concentrations in the product : 250 mg/capsule
 14. Storage : Keep in tight and light protection container at room temperature
 15. Precautions : -
 16. Cost per kg : Please request

References

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