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Specialized in chemicals

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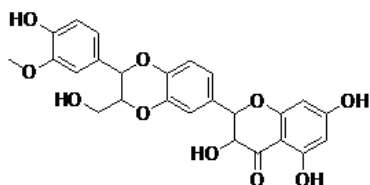
Technical Data Sheet

Silymarin

Product Information

Chemical Name Silymarin

Chemical Structure



CAS # 65666-07-1

Formula C₂₅H₂₂O₁₀

Molecular Weight 482.44

Synonyms

MILK THISTLE;Silybum marianum;silybin or silybinin;MilkthistleP.E.exsemencardui;Milkthistleextract/Silymarin;

Description

Silymarin is Yellow to Yellowish-Brown, bitter taste Soluble in acetone, ethanol, ethyl acetate and methanol soluble in chloroform, insoluble in water

Specification

Appearance Yellow to Yellowish-Brown

Heavy Metals ≤.10ppm

Sulphated Ash ≤.0.5%

Loss on Drying ≤.5.0%

Powder size (Mesh 80) ≥95.0%

(Assay Dried) UV ≥.80.0%

Silybin and isosilybin ≥.30.0%

Silydianin & Silychristin ---Residue organic

Acetone	max.5000pp
Microbiological Quality	≤ 10 ⁴ CFU/g
Total plate count	≤ 10 ³ CFU/g
Mould & Yeasts	Absent
E. Coli	Absent

Applications

1)Silymarin can protect the liver from damage of alcohol, chemical toxicant, drug, food poison, environmental pollution; Accelerate liver cell regenerating and repairing. So it is called "The natural liver-protection drug".

2)In addition, Silymarin has the function of radiation hardening, arteriosclerosis preventing, skin-aging delaying. It is widely used in drug, health products, food and cosmetics.

Packaging

25kg per Fiber drum

7mt per 20ft container

Storage & Handling

Niosh/msha-approved respirator.

Safety shower and eye bath.

Mechanical exhaust required.

Avoid inhalation.

Avoid contact with eyes, skin and clothing.

Avoid prolonged or repeated exposure.

Keep tightly closed.

Store in a cool dry place.