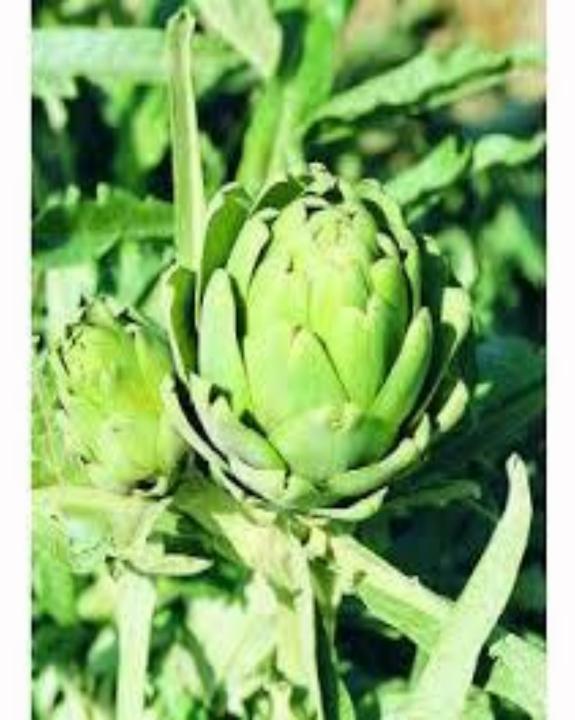


Artichoke extract

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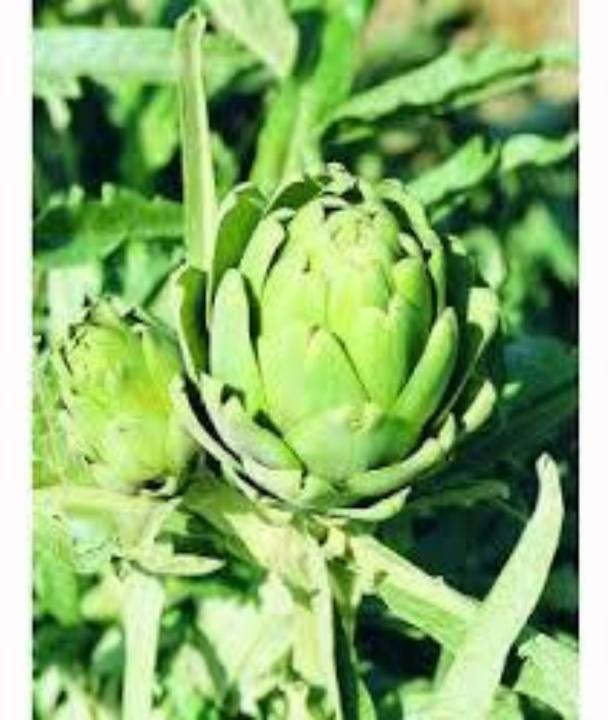




Artichoke is a perennial plant

Related to thistle which is a group of a flowering plant. Artichoke extract is derived from leaves of plant and is majorly available in the form of powder.

Phenolic content of artichoke is high in the leaves when compared to the other parts which can soluble in solvents such as n-butanol solution. It is a highly rich source of flavonoids and antioxidants which is beneficial to regulate blood pressure, control cholesterol level and other health benefits.



The globe artichoke, also known as French artichoke and green artichoke in the USA, is a variety of a species of thistle cultivated as a food. The edible portion of the plant consists of the flower buds before the flowers come into bloom

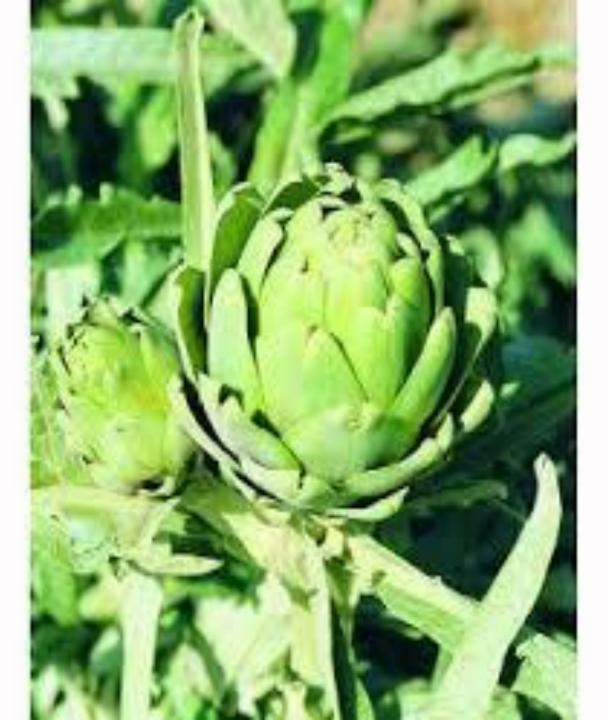
Artichoke extract contains essential bile driving substances such as chlorogenic acid and cynarine which helps in protecting the liver.



Extraction Protocols

Extraction Protocols Infusion: 100 g of artichoke wastes (fresh leaves and roots) were extracted with boiling water for 10 minutes. The filtrate was evaporated under reduced pressure at 55 °C. Methanol Extract. 100 g of artichoke waste either leaves or roots (fresh weight) were extracted with cold methanol for 5 days. The extract was filtered, and the methanol was removed under reduced pressure at 40 °C.

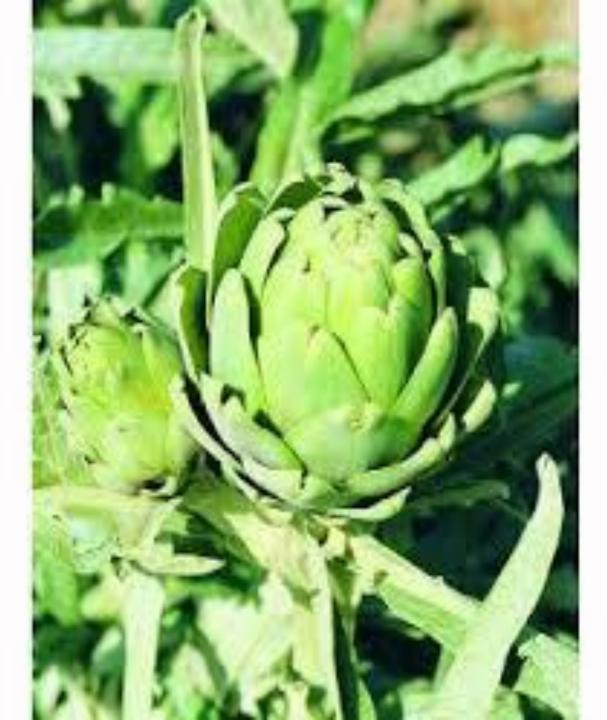
Water extract: A quantity of 100 g of either leaves or roots was subjected to extraction by maceration with cold water for 5 days. The filtrate was evaporated under reduced pressure at 55 °C.



Certificate of Analysis

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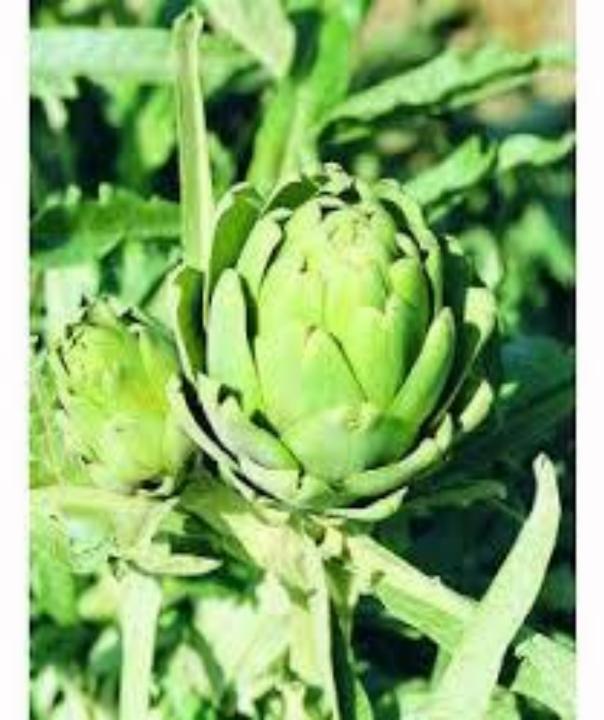
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Key Players Companies

The key market players that are involved in the artichoke extract market include Nutra Green Biotechnology Co. Ltd., Gaia Herbs, Inc., Jiaherb, Inc., Hawaii Pharm LLC, and Nature's Way Products, LLC.



Products In the Market

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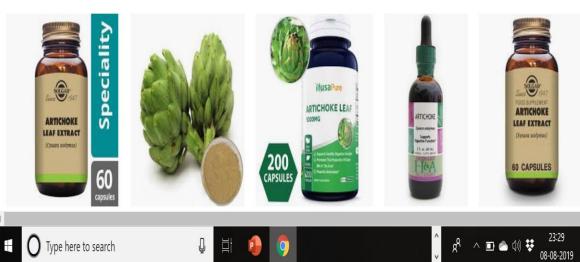
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