

# Global Ursolic Acid Market - Forecasts from 2020 to 2025

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# **Abstracts**

The global ursolic acid market is expected to grow at a compound annual growth rate of 4.51% over the forecast period to reach a market size of US\$4.785 billion in 2025 from US\$3.672 billion in 2019. Ursolic Acid is a triter-pene acid that is present in many types of plants like prunes, hawthorn, thyme, oregano, lav-ender, cranberries, apples, and others. This type of acid contains a substantial number of healthy and nutritious properties which include antioxidant, anti-fungal, anti-bacterial, and an-ti-inflammatory properties. There have been various research and studies conducted to devel-op ursolic acid extracts and their use in different types of food products as well as for pharmaceutical purposes. It was identified for muscle atrophy in 2015. A study was conducted where it was discovered that supplementation with ursolic acid on mice on a maximum fat diet en-hanced muscle strength and mass, glucose tolerance, reduced white adipose tissue, and pro-moted brown adipose tissue deposition. This suggested that ursolic acid would be an effective and excellent nutrient requirement to counteract age-related changes in metabolic derange-ments and body composition. Ursolic acid also has anti-depressant properties and enhances the formation of ceramics in human skin.

Ursolic Acid Supplements for Fat Reduction and Muscle Mass Gain

Ursolic Acid is known for its body recomposition properties. This has led to a surge in the R&D of ursolic acid capsules and supplements for the enhancement of muscle mass and fat reduc-tion. Therefore, health-conscious and fitness enthusiasts' consumers are opting for ursolic ac-id-related supplements and products. There is also great potential for the market to target ath-letes and sports persons to register substantial demand in the coming years. Manufacturers and Producers have been diversifying their product portfolio and distribution channels to tap this promising market. There has been growth in revenue from online and E-commerce plat-forms, and this platform will have a major



share in the coming years.

Ursolic Acid Capsules shows significant demand because of various health benefits

The high generality of cardiovascular diseases in humans has propelled the demand for ur-solic acid capsules. Major companies have been developing and exploring opportunities to manufacture and produce capsules for different types of functions. Labrada Nutrition, one of the major players in the market has been providing ursolic acid capsules to support cardio-vascular health, fat loss, lean muscles which make it beneficial for athletes and dieters of all age categories. The capsule also helps in the reduction of blood sugar levels and body fat. It also helps in the enhancement of joint and bone structure in the human body. There has been a demand for stearate free capsules and major players have been capitalizing on this market. The market has great potential in the nutrition and health sector, with the pharmaceutical in-dustry will play a critical role in the growth of the global ursolic acid market.

Ursolic Acid Nanoparticles to play a major role in the overall growth

The evolution of nanoparticles in all the major sectors and industries has been transforming the overall market. Nanoparticles are being used in aviation, medical, pharmaceutical, and others. Ursolic acid nanoparticles are also playing an imperative role in the transformation of the pharmaceutical industry. Treatment of cancer by Ursolic acid nanoparticles has been a novelty approach with major institutions and research centers have been studying the proper-ties of the compound to cure cancer and other related problems. A study was published by the International Journal of Oncology in 2017 where it was stated ursolic acid nanoparticles can be used in the treatment of cervical cancer. The data analyzed from the study indicated that ur-solic acid nanoparticles significantly suppress cervical cancer invasion, proliferation, and migration compared to the control group. There were other major developments in the study. In vivo experiments, treatment by ursolic acid nanoparticles resulted in the reduction in the size of the tumor. This study was a major development in the pharmaceutical field and could be a potential target segment for therapeutic treatment and strategy in the coming years. The avail-ability of ursolic acid in different types of plants helps in saving on manufacturing costs for medical companies. This compound has anti-inflammatory and anti-diabetic properties, which would be a major factor in the overall market growth in the coming years. It is also a promising chemotherapeutic agent. With the advancement and technical innovations in the pharmaceuti-cal field, the ursolic acid nanoparticles will register a major growth in the coming years.



Juice Industrial Waste would be used to develop Bioactive Compounds

Apple juice is a major product in the juice industry. There are a plethora of healthier proper-ties of apple juice. It is used to support hydration, contains beneficial plant compounds such as polyphenols, supports heart health, and helps in the enhancement of brain-related proper-ties. Apple also contains a significant amount of ursolic acid and its waste is used in the de-velopment of bioactive compounds. Apple waste is also known as a by-product of the beverage industry. The raw material is comparatively cheaper and the major drawback is that there is no proper or robust industrial usage of raw materials and waste products. The waste products contain a high source of nutrients which are beneficial for the human body. Therefore, major companies in the ursolic acid market have been working and trying to capitalize on the oppor-tunity to use huge amounts of apple waste to be developing various types of bioactive com-pounds. There are other fruits such as rosemary, cranberry, orange peels that are also rich in ursolic acid. The fruit is an essential commodity and with the growing population globally, the consumption will also surge. Because of this reason, there is a need to develop proper extrac-tion mechanisms and techniques to utilize industrial and agricultural waste in the form of or-ange peels and apple pomace.

# Segmentation:

By Form

Liquid Extract

Powdered Extract

By Product Type

25% Ursolic Acid

50% Ursolic Acid

90% Ursolic Acid

98% Ursolic Acid

By End-Use



Pharmaceuticals
Food and Beverage
Cosmetics
Nutraceuticals
Others
By geography
North America
USA
Canada
Mexico
South America
Brazil
Argentina
Others
Europe
Germany
Spain
United Kingdom
France
Other

Others



The Middle East and Africa	
Saudi Arabia	
South Africa	
Others	
Asia Pacific	
China	
Japan	
Australia	
India	
Others	

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