



PharmaGnose



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# MediSanto MediSanto

## VINSANTO WINE FROM SANTORINI

Vinsanto is an ancient winemaking tradition of Santorini that dates back thousands of years and represents an important part of the island's history. The winemaking style of Vinsanto can also be found throughout Italy and has historically been known as Italy's "Holy Wine". However, its origins lie in Santorini, which was a trading port throughout much of history. The island focused on the cultivation of wine that would be exported throughout the Mediterranean. Packages taken from the island were labeled, "Santo," to denote their origin. Wine from the island was denoted, "vini" or "vino" to denote the packages contents; thus, the term "Vinsanto" was born. In order for a wine to be labeled Vinsanto, it must be predominately made from the Assyrtiko variety of grapes, at least in 51%, while the remaining 49% is made up of Athiri and Aidani and some small amounts of other locally grown white varieties. There is strong epidemiological evidence that light-to-moderate consumption of wine, but neither zero nor more than moderate intake, reduces mortality from all causes and also diminishes cardiovascular risk. The lowest risk of coronary heart disease is observed with 1 to 2 glasses of wine per day. Cardiovascular risk factors are associated with oxidative stress in the vasculature because of an increased production and/or impaired inactivation of reactive oxygen species. Wine's biological activity is attributed to the phenolic content of red wine, as shown by numerous scientific studies.

## What is MediSanto?

### SPECIFICATIONS

Total polyphenols **≥45%**

**MediSanto** is a standardized extract of Assyrtiko grapes. It is obtained through "green" extraction of the grape pomace using only water. It contains polyphenols, such as tannins, anthocyanins, catechins and epicatechins. Those polyphenols are widely known for their strong antioxidant properties.

### RECOMMENDED DOSE

**MediSanto** is destined for food supplements and/or cosmetic formulations. It is a powdered extract and it can be comprised in various types of per os (capsules, softgels, sachets, drinks, tablets) and/or cosmetic formulations (creams, lotions, gels). It can be administered orally in a dose of 200-500 mg/day, or topically up to 3% in the final formulation.

## POLYPHENOLS

MediSanto (350 mg) **160 mg**

Glass of red wine (125 ml) **125-500 mg**

### PRODUCT INFORMATION

#### DATASHEET

Botanical Dietary and Cosmetic Ingredient

### BOTANICAL PRODUCT INFORMATION

**Product name & code:** MediSanto

**Common or usual name of product:** Grape pomace extract

**General product information:** Grape pomace extract standardized to more than 45% total polyphenols

### BOTANICAL MANUFACTURING INFORMATION

**Manufacturing site:** PharmaGnose, Greece

**Mode of manufacturing:** Flow chart attached

**Agricultural process:** Santorini grapes traditional cultivation

### GENERAL SPECIFICATIONS

**Appearance:** Indian red powder

**Solubility:** Soluble in water, ethanol and hydroalcoholic mixtures

**Total polyphenols:** ≥45% (Folin Ciocalteu)

**Origin/Obtaining method:** Grape pomace/Chromatographic Natural Extraction

**Shelf life:** 24 months unopened stored in a cool and dry location

**Others:** MediSanto must be used after opening. Once open, it is recommended to keep the product closed, store in a dry place and keep out of the damp. As MediSanto is an entirely natural extract, there may be a slight variation in colour from batch to batch. This circumstance in no way signifies any alteration in the quality of the product.

### CONTACT

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## FLOWCHART PROCESS

1. grape pomace aqueous extraction

2. polyphenols adsorption in resin column

3. polyphenols recovery & enrichment

4. spray-drying

5. analysis & standardization