

# PREMIER SPECIALTIES

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## NUTMEG EXTRACT

### PRODUCT NAME

PREMIER NUTMEG  
EXTRACT

### APPLICATION(S)

Anti-acne  
Anti-aging  
Sun protection  
Sensitive skin  
Cleansing

### COMPOSITION (INCI)

Myristica Fragrans  
Extract

### ORIGIN

Plant

### SOLUBILITY

Alcohol

### PRODUCT CODE

Premier #359020

### PREMIER NUTMEG EXTRACT

*Myristica Fragrans*, is an evergreen tree indigenous to Indonesia. The seed of this tree "the nut of Banda", is best known as Nutmeg. Records show nutmeg has been used for many therapeutic applications: from removing freckles to curing stomach upsets, headaches, and relieving rheumatic pain. Its widespread use dates back to 540 AD when it was brought from India to Constantinople and used in medieval cuisine as a flavoring, medicinal, and preservative agent. **Premier Nutmeg Extract** is the dry powdered extract obtained from the fruit of the *Myristica fragrans*, Nutmeg.

### WHY NUTMEG EXTRACT?

Nutmeg contains about 10% essential oil, which is mostly composed of terpene hydrocarbons (sabinene and pinenes; furthermore camphene, p-cymene, phellandrene, terpinene, limonene, myrcene, together 60 to 80%), terpene derivatives (linalool, geraniol, terpineol, together 5 to 15%) and phenylpropanoids (myristicin, elemicin, safrol, eugenol and eugenol derivatives, together 15 to 20%).

### ACTIVITY OF NUTMEG EXTRACT

- ◆ Antioxidant activity via inhibition of nitric oxide production and shows NO-scavenging activity attributed to concentration of Eugenol and other phenolic derivatives
- ◆ Anti-inflammatory; effective against carrageenan-induced edema
- ◆ Antimicrobial effects have been reported against the protein/toxins produced by *Listeria*, *Staphylococcus aureus* and *Streptococcus mutans*. Activity against other bacteria includes *E. coli* and *B. subtilis*

### REFERENCES

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