



# Primary Organics

Natural Botanical Extracts & Essential Oils

## Primaphyte™ Chamomile NG

**Chamomile** has been one of the most famous herbal skin care factors throughout European history. Over a million cups of chamomile tea are drunk daily, testifying to its good taste, at least. Chamomile was used by early Egyptian physicians for fevers, and by ancient Greeks, Romans, and Indians for headaches and disorders of the kidneys, liver, and bladder.

The modern use of chamomile dates back to 1921, when a German firm introduced a topical form. This cream became a popular treatment for a wide variety of skin disorders, including eczema, bedsores, skin inflammation caused by radiation therapy, and contact dermatitis (e.g., poison ivy).

- *Chamomile* material: plant material is collected from herbal farms where it is planted under strict quality control standards and **certified by China Herb Association**.
- Extract process: **vacuum and low temperature extraction**.
- Quality control: by using **Thin-Layer Chromatography**, we check **azulenes (chamazulene)** and **alpha-bisabolol**, the most important active ingredients in *Chamomile*, to verify product quality.
- International standard: **1999 National Nutrition Foods Association USA standard**.

<b>Product Name</b>	<b>Primaphyte™ Chamomile NG</b>
<b>Item#</b>	<b>PO-012-NG</b>
<b>INCI Name</b>	<b>Chamomilla Recutita (Matricaria) Flower Extract &amp; Glycerin &amp; Water</b>
<b>Active Ingredient Marker (A.I.M)</b>	<b>Azulenes (Chamazulene)</b>
<b>Physical and Chemical properties</b>	
<b>Appearance</b>	<b>Dark brown slightly hazy liquid</b>
<b>Odor</b>	<b>Characteristic</b>
<b>Solubility</b>	<b>Miscible in water/Oil insoluble</b>
<b>PH</b>	<b>5.23 _ 6.23</b>
<b>Specific gravity (water=1)</b>	<b>1.179 -1.199@ 20°C /4°C</b>
<b>freezing point</b>	<b>&lt; 0 °C</b>
<b>Boiling point</b>	<b>105.8 _ 106.2 °C</b>
<b>Refractive Index</b>	<b>1.4350 _1.4450</b>
<b>Percent Non-volatile (by weight)</b>	<b>100%</b>