



# Primary Organics

Natural Botanical Extracts & Essential Oils

## Primaphyte™ Chrysanthemum NG

**Chrysanthemums** were cultivated in China as a flowering herb as far back as the 15th century BCE. It was so popular in ancient China that the city of Chu-Hsien (“Chrysanthemum City”) took its name from this flowering botanical. Today, this herb is being used in Europe and America as a cosmetic ingredient, and also in many forms of herbal teas. It is also well-known for its cooling properties that help to decrease body heat and is recommended for those with fever, sore throat, and other heat-related illnesses.

- *Chrysanthemum* material: *Chrysanthemum* is collected from herbal farms where it is planted under strict quality control standards and **certified by China Traditional Medicine Bureau**.
- Extract process: **vacuum and low temperature extraction**.
- Quality control: by using **HPLC**, we check **chromocor**, a most important active ingredient in *Chrysanthemum*, to verify product quality.
- International standard: **1999 National Nutrition Foods Association USA standard**.

<b>Product Name</b>	<b>Primaphyte™ Chrysanthemum NG</b>
<b>Item#</b>	<b>PO-007-NG</b>
<b>INCI Name</b>	<b>Chrysanthemum Sinensis Flower Extract &amp; Glycerin &amp; Water</b>
<b>Active Ingredient Marker (A.I.M)</b>	<b>Chromocor</b>
<b>Physical and Chemical properties</b>	
<b>Appearance</b>	<b>Straw clear liquid</b>
<b>Odor</b>	<b>Characteristic</b>
<b>Solubility</b>	<b>Miscible in water/Oil insoluble</b>
<b>PH</b>	<b>6.20 – 7.20</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>