

## Specification

Product Name:	Calendula Oil		
INCI Name:	Calendula Officinalis Flower Extract & Helianthus Annuus Seed Oil		
Description:	Calendula infused in sunflower oil is obtained by the maceration of Calendula Officinalis Flower ( <i>Calendula officinalis L., Compositae</i> ) in refined Helianthus Annuus Seed Oil to an approximate ratio of 1 in 5.		
CAS No:	N/A	EC No:	N/A

Analytical Test	Specification
Appearance:	Clear liquid, yellow to orange.
Odour:	Characteristic.
Specific Gravity @ 20°C (g/ml)	0.900 - 0.930
Refractive Index @ 20°C	1.455 - 1.510
Free Fatty Acid (% as Oleic)	≤ 2.0
Peroxide Value (Meq/kg)	≤ 20.0 ( <i>at time of production analysis</i> )
<b>Fatty Acid Profile (%)</b>	
C16:0 Palmitic Acid	4.0 - 9.0
C18:0 Stearic Acid	≤ 7.0
C18:1 Oleic Acid	14.0 - 42.0
C18:2 Linoleic Acid	45.0 - 75.0
C18:3 Linolenic Acid	≤ 0.3
Storage	Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.
Stability	When stored for more than 24 months, quality should be checked before use.