

TECHNICAL DATA SHEET

Product Name	CALENDULA (MARI GOLD) OIL
Botanical Name	Calendula officinalis
Product Code	PIO5003
INCI Name	Calendula officinalis Flower infused in Helianthus annuus Seed Oil
CAS#	84776-23-8, 70892-20-5 and 8001-21-6
EINECS#	283-949-5 and 232-273-9

Extraction Method	Infusion of Calendula (Marigold) flowers in Helianthus annuus (Sunflower) seed oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Yellow to deep orange colored liquid
Odour	Characteristic herbaceous-green, floral odour
Refractive Index	1.460 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Salvia Cosmeceuticals provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.