



PRODUCT SPECIFICATION SHEET –TAGETES OIL

1) GENERAL INFORMATION			
INCI Name	TAGETES MINUTA FLOWER OIL		
Botanical source	<i>Tagetes minuta</i>		
Botanical family	Asteraceae		
Description	Tagetes Minuta Flower Oil is the essential oil obtained from the flowers of the Tagetes		
Status	Conventional / Organic		
Part of Plant Used	Flowers		
Production Process	Steam Distillation		
Origin	Egypt		
Manufacture	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	3040	EINECS	294-862-7
FDA	182.2	CAS EINECS	8016-84-0
CAS TCSA	91770-75-1	Product Code	PSD02500
PHYSICAL PROPERTIES			
Appearance	Gold yellow to Orange liquid		
Odour/taste	Herbal , sweet bitter, fruity		
Relative density @ 20°C	0,860 - 0,900		
Refractive index @ 20°C	1,478 - 1,515		
Optical Rotation @ 20°C	1 to 10		
Solubility	Insoluble in Water , Soluble in alcohol and fixed oils		
Flash point °C	>100		
Shelf Life	24 Months		
Uses	Aromatherapy , Pharmaceutical Industries		
GC Analysis			
Cis-beta-Ocimene or (Z)- beta-Ocimene	17.0 – 45.0	(Z)-tagetone+ (E)-tagetone	7.0 – 20.0
Trans-beta-Ocimene or (E)-beta-Ocimene	Traces to 1.0	(Z)-tagetone+ (E)-tagetone	10.0 – 23.5
Dihyrotagetone	10.0 – 40.0	limonene	3 - 9

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

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Approved by:	QA MANAGER	Version: 04	Date: 01.01.2022
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