



TECHNICAL DATA SHEET

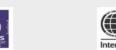
Sr. No. : UL3000132-V-04 Issue Date: 27/03/2023

QUALITY CONTROL: We declare that certificate of analysis of this material is inspected according to quality parameters as below:

Item Code	UL3000132
Item Name	TAGETES OIL











Test Parameters	Specifications	
CAS#	91770-75-1	
EINECS#	294-862-7	
Botanical Name	Tagetes minuta ext.	
Description	Yellow to orangish yellow liquid with characterist	ic odor.
Origin	This essential oil is obtained by the steam distillation from fresh flowers of Tagetes patula.	
Appearance	Yellow to orangish yellow	
Physical Status	Liquid	
Flash Point (Closed cup) °C	69°C	
Refractive Index	1.457 - 1.516 @20°C	
Relative Density	0.837 - 0.897 @25°C	
Optical Rotation	Not Determined	
Solubility in Alcohol	Soluble	
Solubility in Water	Insoluble	
Assay by GC	cis-beta ocimene: 30-70%	Dihydrotagetone: 5-20%
	cis-tagetone: 1-15%	cis ocimenone: 1-8%
	trans-tagetone: 0.2-2%	
Shelf Life	12 months with proper storage conditions.	
Legislation	Natural	
Stability	Avoid strong acids strong bases & all oxidizing a	gents.
Uses	Fragrance and Flavour application.	

PACKING & STORAGE	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
HANDLING PRECAUTION	Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing

This is a system generated document hence need not be authenticated.