

TECHNICAL DATA SHEET

Sr. No. : RM0105-V-02

Printed Date 03/02/2017

Item Code	:	RM0105	Date	:	17/06/2013
Item Name	:	RED THYME OIL SPANISH	Version	:	02

CAS #	8007-46-3
FEMA #	3064
EINECS #	284-535-7
Botanical Name	Thymus vulgaris L.
Product Description	Yellow to red-brown or greenish-brown, mobile liquid with characteristic odour.
Origin	Essential oil obtained by steam distillation from fresh flowering ariel parts of Thymus vulgaris

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Yellow to red-brown or greenish-brown
Physical Status	LIQUID
Flash Point (Closed cup) °C	52°C
Refractive Index	1.490 - 1.505 @20°C
Relative Density	0.910-0.935 @20°C
Optical Rotation	0° to -8°
Solubility in Alcohol	1:2 (v/v) in 80% ethanol
Solubility in Water	Insoluble
Main Components by GLC	Thymol: 36 - 55% p-Cymene: 15 - 28% gamma-Terpinene: 5 - 10% Terpinen-4-ol: 0.2-2.5% Limonene: 0.1-0.7%
	Linalool: max. 7% Carvacrol: 1 - 4% Myrcene: 1 - 3% alpha Pinene: max. 3%

Shelf Life	12 months under proper storage conditions
Legislation	Natural
Stability	Avoid strong acids strong bases and all oxidising agents
Uses	Perfumes & Fragrances

HANDLING PRECAUTION	Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing
----------------------------	---

PACKING & STORAGE	Should be stored in a cool, dry well ventilated places in fully tight sealed containers protected from light. Containers should be kept away from light and source of ignition.
------------------------------	---

NOTE : THIS IS A SYSTEM GENERATED DOCUMENT HENCE NEED NOT BE AUTHENTICATED.