

ACETOC- Technical Data Sheet

ORIGANUM essential oil

Feed Additive under article 10 of Regulation (EC) 1831/2003

Category: 2 – Functional Group: b – Natural products-botanically defined

Brussels Tariff No.: 3301.29.41, CAS No.: 90131-59-2 // 8007-11-2, EINECS No: 290-371-7FEMA No.: 2828, CoE No.: 454

1. GENERAL ESPECIFICATIONS

Bothanical name: *Thymus capitatus* L. (Fam. Labiatae)

2. PHYSICAL-CHEMICAL PROPERTIES

Appearance: Yellow brown to red liquid
Main components: Carvacrol and its isomer timol
Density (20/4): 0.930 - 0.955 (Mettler)
Refractive Index n_D (20°C): 1.500 - 1.513 (Abbe)
Optical Rotation (20°C): -5° a $+2^\circ$ (Schimidt Haensch Polartr.)
Ethanol Solubility 70°/25°C: 1 in 2-3 (v/v)
Flashpoint: 65 – 70°C (PMCC)

3. STORAGE AND TRANSPORT

Standard Package: Inside plastic lined drums or 200 Kg net weighth
Storage: In tight closed and full containers. Keep in cool, dark and dry place

4. TOXICOLOGICAL AND SECURITY INFORMATION

See Safety Data Sheet for further information.

5. DIOXIN FREE

ACETOC has neither been manufactured from dioxin contaminated products, nor been in contact with dioxin contaminated productos during the manufacturing and packaging processes. Dioxin: pg EQT PCDD/F-OMS/g fat<15 (C+EAN. S.I Method reference sample 761/VAR).

6. UNDESIRABLE SUBSTANCES

Reference simple: 7671/VAR
Cadmium (Cd) < 0.02 (C+E AN., S.L.)
Lead (Pb) <0.05 (C+E AN., S.L.)
Arsenic (As) <0.01 (C+E AN., S.L.)
Mercury (Hg) <0.05 (C+E AN., S.L.)

ACETOC- Technical Data Sheet

ORIGANUM essential oil

Feed Additive under article 10 of Regulation (EC) 1831/2003

Category: 2 – Functional Group: b – Natural products-botanically defined

Brussels Tariff No.: 3301.29.41, CAS No.: 90131-59-2 // 8007-11-2, EINECS No: 290-371-7FEMA No.: 2828, CoE No.: 454

7. GMO CERTIFICATE

According to the European Directives 1829/2003/EC and 1830/2003/EC, this product:

- Does not contain genetically modified organisms
- Has not been manufactured from genetically modified organisms
- Does not contain ingredients produced from genetically modified organisms