



World Olive Center for Health

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Athens: 10/02/2025

Cert. Num: C2425-00631

CERTIFICATE OF ANALYSIS

Brand Name: Tropicual "Everyday"
Owner: Tropicual Mangrove SL
Variety: PICUAL
Origin: SPAIN
Harvesting Period: NOVEMBER 2024
Oil Mill: Bosques del Sur, Pozo Alcon

Analysis Date: 10/02/2025

Production Date: 20/11/2024

Chemical Analysis

Oleocanthal	71	mg/Kg
Oleacein	71	mg/Kg
Oleocanthal+Oleacein (index D1)	142	mg/Kg
Ligstroside aglycon (monoaldehyde form)	28	mg/Kg
Oleuropein aglycon (monoaldehyde form)	53	mg/Kg
Ligstroside aglycon (dialdehyde form)*	193	mg/Kg
Oleuropein aglycon (dialdehyde form)**	197	mg/Kg
Free Tyrosol	18	mg/Kg
Total tyrosol derivatives	310	mg/Kg
Total hydroxytyrosol derivatives	321	mg/Kg
Total polyphenols analyzed	630	mg/Kg

Comments:

The daily consumption of 20 g of the analyzed olive oil provides 12,61mg of hydroxytyrosol, tyrosol or their derivatives.

Olive oils that contain >5 mg per 20 gr belong to the category of oils that protect the blood lipids from oxidative stress according to the Regulation 432/2012 of the European Union.

It should be noted that oleocanthal and oleacein present important biological activity and they have been related with anti-inflammatory, antioxidant, cardioprotective and neuroprotective activity.

The chemical analysis was performed at the National and Kapodistrian University of Athens according to the method that has been submitted to EFET and published in J. Agric. Food Chem. 2012, 60, 11696, J. Agric. Food Chem. 2014, 62, 600 & Molecules 2020, 25, 2449.

The results relate to the analyzed sample.

*Oleomissional+Oleuropeindial **Ligstrodial+Oleokoronol

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