

**World Olive Center for Health**

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CERTIFICATE OF ANALYSIS

Brand Name: Tropical EVERYDAY

Analysis Date: 30/01/2026

Owner: Tropical Mangrove SL

Variety: PICUAL

Origin: Cuevas del Campo (Granada) SPAIN

Production Date:

Harvesting Period: 07/11/25 - 23/11/25

Oil Mill: Bosques del Sur

Chemical Analysis

Oleocanthal	46	mg/Kg
Oleacein	52	mg/Kg
Oleocanthal+Oleacein (index D1)	98	mg/Kg
Ligstroside aglycon (monoaldehyde form)	37	mg/Kg
Oleuropein aglycon (monoaldehyde form)	70	mg/Kg
Ligstroside aglycon (dialdehyde form)*	260	mg/Kg
Oleuropein aglycon (dialdehyde form)**	248	mg/Kg
Free Tyrosol	<5	mg/Kg
Total tyrosol derivatives	343	mg/Kg
Total hydroxytyrosol derivatives	370	mg/Kg
Total polyphenols analyzed	714	mg/Kg

Comments:

The daily consumption of 20 g of the analyzed olive oil provides 14,27mg 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.

*Ligstroside+Oleokoronal **Oleomissional+Oleuropeindial

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