



CHEM SOLUTIONS

ANALYTICAL LABORATORIES



CHEMICAL TESTING
LABORATORY RECOGNIZED BY
THE IOC
1.12.2019 - 30.11.2020
ADVANCED & RESIDUES TESTING

Kalimnou 5A, Moschato, Athens, Greece
Tel: +30 2111831992, e-mail: info@chemsolutions.gr

CERTIFICATE OF ANALYSIS: 9235

Personal Data

First Name last Name: Ilias Stavropoulos
Address: Andania Mesinias
Tel: +306944322854

Sample Data

Sample: Extra Virgin Olive Oil
Sample Code: 9235
Description: Sealed bottle organic extra virgin olive oil
Date of Receipt: 14/02/2020
Date of Analysis: 14/02/2020
Condition of Sample: Acceptable

Determination	Units	Result	Limit ¹	Method of Analysis
Acidity	% w/w oleic acid	0.39	M 0.8	EEC 2568/91 Annex II
Absorbance in UV				
K ₂₇₀	-	0.136	M 0.22	EEC 2568/91 Annex IX
K ₂₃₂	-	1.550	M 2.50	EEC 2568/91 Annex IX
Δ _K	-	-0.003	M 0.01	EEC 2568/91 Annex IX (mod.)
Peroxide Value	meq O ₂ /kg	5.9	M 20	EEC 2568/91 Annex III

¹Analytical data within limits of E.U. regulation 2568/91 for Extra Virgin Olive Oil as amended and valid.
(M: Maximum)

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Determination	Result	Report limit
Pesticides Residues		
Omethoate	<R. L.	0.01 mgr/Kgr
Dimethoate	<R. L.	0.01 mgr/Kgr
Diazinon	<R. L.	0.01 mgr/Kgr
Parathion methyl	<R. L.	0.01 mgr/Kgr
Clorpyrifos methyl	<R. L.	0.01 mgr/Kgr
Malaoxon	<R. L.	0.01 mgr/Kgr
Fenitrothion	<R. L.	0.01 mgr/Kgr
Pirimiphos methyl	<R. L.	0.01 mgr/Kgr
Malathion	<R. L.	0.01 mgr/Kgr
Parathion ethyl	<R. L.	0.01 mgr/Kgr
Fenthion oxon	<R. L.	0.01 mgr/Kgr
Fenthion	<R. L.	0.01 mgr/Kgr
Fenthion sulfoxide	<R. L.	0.01 mgr/Kgr
Fenthion sulfone	<R. L.	0.01 mgr/Kgr
Chlorpyrifos	<R. L.	0.01 mgr/Kgr
Methidathion	<R. L.	0.01 mgr/Kgr
Ethion	<R. L.	0.01 mgr/Kgr
α-Endosulfan	<R. L.	0.01 mgr/Kgr
β- Endosulfan	<R. L.	0.01 mgr/Kgr
Endosulfan sulfate	<R. L.	0.01 mgr/Kgr
α-HCH	<R. L.	0.01 mgr/Kgr
β-HCH	<R. L.	0.01 mgr/Kgr
Lindane	<R. L.	0.01 mgr/Kgr
γ-HCH	<R. L.	0.01 mgr/Kgr
Aldrin	<R. L.	0.01 mgr/Kgr
Dieldrin	<R. L.	0.01 mgr/Kgr
Endrine	<R. L.	0.01 mgr/Kgr
cis-Chlordane	<R. L.	0.01 mgr/Kgr
trans-Chlordane	<R. L.	0.01 mgr/Kgr
Trifluralin	<R. L.	0.01 mgr/Kgr
Bifenthrin	<R. L.	0.01 mgr/Kgr
λ-Cyhalothrin	<R. L.	0.01 mgr/Kgr
Permethrin (sum of isomers)	<R. L.	0.02 mgr/Kgr
β-Cyfluthrin (sum of isomers)	<R. L.	0.01 mgr/Kgr
Cypermethrin (sum of isomers)	<R. L.	0.01 mgr/Kgr
α- Cypermethrin	<R. L.	0.01 mgr/Kgr

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Determination	Result	Report limit
Pesticides Residues		
Fenvalerate	<R. L.	0.01 mgr/Kgr
Deltamethrin	<R. L.	0.01 mgr/Kgr
Accephate	<R. L.	0.01 mgr/Kgr
Phorate	<R. L.	0.02 mgr/Kgr
Psosphamidon	<R. L.	0.02 mgr/Kgr
Paraoxon methyl	<R. L.	0.02 mgr/Kgr
Paraoxon ethyl	<R. L.	0.02 mgr/Kgr
Bromophos methyl	<R. L.	0.02 mgr/Kgr
Bromophos ethyl	<R. L.	0.02 mgr/Kgr
Pirimiphos ethyl	<R. L.	0.02 mgr/Kgr
Fenthion oxon sulfoxide	<R. L.	0.02 mgr/Kgr
Fenthion oxon sulfone	<R. L.	0.02 mgr/Kgr
Monocrotophos	<R. L.	0.01 mgr/Kgr
Disulfoton	<R. L.	0.01 mgr/Kgr
Dicrotophos	<R. L.	0.01 mgr/Kgr
Pyrazophos	<R. L.	0.01 mgr/Kgr
Triazophos	<R. L.	0.01 mgr/Kgr
Phosmet	<R. L.	0.01 mgr/Kgr
Dichlorvos	<R. L.	0.01 mgr/Kgr
Resmethrin	<R. L.	0.02 mgr/Kgr
Flumethrin	<R. L.	0.02 mgr/Kgr

Method of analysis: In House GC-FPD/ECD (J. of Chromatography A, 912 (2001) 135-142 & AOAC 2007.1)

DATE OF ISSUE: 14/02/2020

On behalf of the laboratory



Michalis Tampakopoulos
Chemist, M.Sc.

End of the Report

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