

### CERTIFICATE OF ANALYSIS: 20902

#### Personal Data

Company: KRETA FOOD LTD  
First Name last Name: Michalis Stratigakis  
Address: Galatas N. Kydonias 73100, Chania  
Tel: +302821033302  
email: info@kretafood.com

#### Sample Data

Sample: Extra Virgin Olive Oil  
Sample Code: 20902  
Date of Receipt: 04/11/2024  
Date of Analysis: 04/11/2024  
Condition of Sample: Acceptable  
Sampling Responsible: Client  
Description: Sealed bottle No 244 01.11.2024

| Determination                                                    | Units                  | Result        | Limit <sup>1</sup> | Method of Analysis                   |
|------------------------------------------------------------------|------------------------|---------------|--------------------|--------------------------------------|
| <b>Acidity</b>                                                   | % w/w oleic acid       | <b>0.28</b>   | M 0.8              | COI/T.20/Doc. No 34                  |
| <b>Absorbance in UV</b>                                          |                        |               |                    |                                      |
| K <sub>270</sub>                                                 | -                      | <b>0.169</b>  | M 0.22             | COI/T.20/Doc. No 19                  |
| K <sub>232</sub>                                                 | -                      | <b>2.030</b>  | M 2.50             | COI/T.20/Doc. No 19                  |
| ΔK                                                               | -                      | <b>-0.005</b> | M 0.01             | COI/T.20/Doc. No 19                  |
| <b>Peroxide Value</b>                                            | meq O <sub>2</sub> /kg | <b>7.6</b>    | M 20               | COI/T.20/Doc. No 35                  |
| <b>Total phenolic compounds</b>                                  | mg/Kg                  | <b>907.6</b>  | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Hydroxytyrosol                                                   | mg/Kg                  | <b>2.1</b>    | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Tyrosol                                                          | mg/Kg                  | <b>4.7</b>    | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Vanillic acid                                                    | mg/Kg                  | <b>0.3</b>    | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Vanillin                                                         | mg/Kg                  | <b>0.2</b>    | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| p-Coumaric acid                                                  | mg/Kg                  | <b>0.2</b>    | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Hydroxytyrosol acetate                                           | mg/Kg                  | <b>6.7</b>    | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Ferulic acid                                                     | mg/Kg                  | <b>0.13</b>   | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| DDOA <sup>a</sup>                                                | mg/Kg                  | <b>93.3</b>   | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Isomer of AOA <sup>c</sup>                                       | mg/Kg                  | <b>101.1</b>  | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| DDLA <sup>b</sup>                                                | mg/Kg                  | <b>161.4</b>  | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Pinoresinol                                                      | mg/Kg                  | <b>4.7</b>    | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Cinnamic acid +<br>1-Acetoxy-pinoresinol                         | mg/Kg                  | <b>107.0</b>  | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Luteolin                                                         | mg/Kg                  | <b>0.73</b>   | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| AOA <sup>c</sup>                                                 | mg/Kg                  | <b>248.3</b>  | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| Apigenin                                                         | mg/Kg                  | <b>0.06</b>   | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| AOL <sup>d</sup>                                                 | mg/Kg                  | <b>68.8</b>   | -                  | COI /T.20/Doc. No 29/Rev 2/METHOD 2* |
| <b>Hydroxytyrosol, tyrosol and their derivatives<sup>e</sup></b> | mg/20 gr               | <b>13.7</b>   | M <sup>2</sup> 5.0 | Efet: 1654/06.02.2018                |

<sup>1</sup> Analytical data within limits of E.U. regulations 2022/2104 & 2022/2105 for Extra Virgin Olive Oil as amended and valid.  
(M: Maximum, m: minimum). <sup>2</sup>EU Regulation 432/2012

<sup>a</sup>:dialdehydic form decarboxymethyl oleuropein aglycon, <sup>b</sup>dialdehydic form decarboxymethyl ligstroside aglycon, <sup>c</sup>: aldehydic form oleuropein aglycon <sup>d</sup>: aldehydic form ligstroside aglycon. <sup>e</sup> Sum of Hydroxytyrosol, Tyrosol, Hydroxytyrosol acetate, DDOA, Isomer of AOA, DDLA, AOA, AOL.

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Date of Analysis: 04/11/2024  
Condition of Sample: Acceptable  
Sampling Responsible: Client  
Description: Sealed bottle No 244 01.11.2024

| Determination                     | Result | Determination               | Result | Determination               | Result | Report limit |
|-----------------------------------|--------|-----------------------------|--------|-----------------------------|--------|--------------|
| <b>Pesticides Residues*</b>       |        | <b>Pesticides Residues*</b> |        | <b>Pesticides Residues*</b> |        |              |
| Methamidophos                     | <R. L. | Pentachlorobenzonitrile     | <R. L. | Chlorpyrifos ethyl          | <R. L. | 0.01 mg/Kg   |
| Dichlorvos                        | <R. L. | Profluralin                 | <R. L. | 4,4'-Dichlorobenzophenone   | <R. L. | 0.01 mg/Kg   |
| Allidochlor                       | <R. L. | Pyrimethanil                | <R. L. | Triadimefon                 | <R. L. | 0.01 mg/Kg   |
| Dichlorobenzil                    | <R. L. | Terbutylazine               | <R. L. | Fenson                      | <R. L. | 0.01 mg/Kg   |
| Biphenyl                          | <R. L. | Diazinon                    | <R. L. | MGK 264                     | <R. L. | 0.01 mg/Kg   |
| 3,4-dichloroaniline               | <R. L. | Phosphamidon                | <R. L. | Bromophos methyl            | <R. L. | 0.01 mg/Kg   |
| Propham                           | <R. L. | Fluchloralin                | <R. L. | Diphenamid                  | <R. L. | 0.01 mg/Kg   |
| Etridiazole                       | <R. L. | Delta-HCH                   | <R. L. | Isodrin                     | <R. L. | 0.01 mg/Kg   |
| Pebulate                          | <R. L. | Terbacil                    | <R. L. | Cyprodinil                  | <R. L. | 0.01 mg/Kg   |
| cis-1,2,3,6-tetrahydrophthalimide | <R. L. | Chlorothalonil              | <R. L. | Pirimiphos ethyl            | <R. L. | 0.01 mg/Kg   |
| Methacrifos                       | <R. L. | Tefluthrin                  | <R. L. | Isopropalin                 | <R. L. | 0.01 mg/Kg   |
| Chloroneb                         | <R. L. | Triallate                   | <R. L. | Heptachlor epoxide          | <R. L. | 0.01 mg/Kg   |
| Pentachlorobenzene                | <R. L. | Isazofos                    | <R. L. | Metazachlor                 | <R. L. | 0.01 mg/Kg   |
| omethoate                         | <R. L. | Endosulfan ether            | <R. L. | Pendimethalin               | <R. L. | 0.01 mg/Kg   |
| Tecnazene                         | <R. L. | Pentachloraniline           | <R. L. | Penconazol                  | <R. L. | 0.01 mg/Kg   |
| Propachlor                        | <R. L. | Propanil                    | <R. L. | Tolyfluanid                 | <R. L. | 0.01 mg/Kg   |
| diphenylamine                     | <R. L. | Dimethachlor                | <R. L. | Captan                      | <R. L. | 0.01 mg/Kg   |
| 2,3,5,6-tetrachloroaniline        | <R. L. | Acetochlor                  | <R. L. | Bromfenvinphos methyl       | <R. L. | 0.01 mg/Kg   |
| Ethoprophos                       | <R. L. | Chlorpyrifos methyl         | <R. L. | Chlorfenvinphos             | <R. L. | 0.01 mg/Kg   |
| Cycloate                          | <R. L. | Vinclozolin                 | <R. L. | Quinalphos                  | <R. L. | 0.01 mg/Kg   |
| Ethafluralin                      | <R. L. | Malaoxon                    | <R. L. | Folpet                      | <R. L. | 0.01 mg/Kg   |
| Dicrotophos                       | <R. L. | Tolclofos methyl            | <R. L. | Biodallethrin               | <R. L. | 0.01 mg/Kg   |
| Trifluralin                       | <R. L. | Heptachlor                  | <R. L. | Fipronil                    | <R. L. | 0.01 mg/Kg   |
| Benfluralin                       | <R. L. | Transfluthrin               | <R. L. | Chlorbensid                 | <R. L. | 0.01 mg/Kg   |
| Sulfotep                          | <R. L. | Alachlor                    | <R. L. | Procymidone                 | <R. L. | 0.01 mg/Kg   |
| Diallate                          | <R. L. | Propisochlor                | <R. L. | Triadimenol                 | <R. L. | 0.01 mg/Kg   |
| Alpha-HCH                         | <R. L. | paraoxon ethyl              | <R. L. | trans-Chlordane             | <R. L. | 0.01 mg/Kg   |
| Dimethoate                        | <R. L. | Fenchlorphos                | <R. L. | Triflumizole                | <R. L. | 0.01 mg/Kg   |
| Hexachlorobenzene                 | <R. L. | Fenitrothion                | <R. L. | 2,4'-DDE                    | <R. L. | 0.01 mg/Kg   |
| Dichloran                         | <R. L. | Methidathion                | <R. L. | Bromophos ethyl             | <R. L. | 0.01 mg/Kg   |
| Pentachloroanisole                | <R. L. | Linuron                     | <R. L. | Paclobutrazol               | <R. L. | 0.01 mg/Kg   |
| Atrazine                          | <R. L. | Pirimiphos methyl           | <R. L. | Endosulfan-alpha            | <R. L. | 0.01 mg/Kg   |
| Clomazon                          | <R. L. | Prodiamine                  | <R. L. | cis-Chlordane               | <R. L. | 0.01 mg/Kg   |
| Beta-HCH                          | <R. L. | dichlorofluanid             | <R. L. | Cis Tetrachlorvinphos       | <R. L. | 0.01 mg/Kg   |
| Lindane                           | <R. L. | Anthraquinone               | <R. L. | Trans Nonachlor             | <R. L. | 0.01 mg/Kg   |
| Terbutylazine                     | <R. L. | Aldrin                      | <R. L. | Flutriafol                  | <R. L. | 0.01 mg/Kg   |
| Quintozene                        | <R. L. | Malathion                   | <R. L. | Chlorfenson                 | <R. L. | 0.01 mg/Kg   |
| Terbufos                          | <R. L. | Metolachlor-S               | <R. L. | Fenamiphos                  | <R. L. | 0.01 mg/Kg   |
| Propyzamide                       | <R. L. | Fenthion                    | <R. L. | Iodofenphos                 | <R. L. | 0.01 mg/Kg   |

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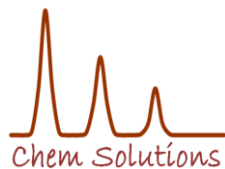
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Sample Code: 20902  
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Date of Analysis: 04/11/2024  
Condition of Sample: Acceptable  
Sampling Responsible: Client  
Description: Sealed bottle No 244.01.11.2024

| Determination               | Result | Determination               | Result | Determination               | Result       | Report limit |
|-----------------------------|--------|-----------------------------|--------|-----------------------------|--------------|--------------|
| <b>Pesticides Residues*</b> |        | <b>Pesticides Residues*</b> |        | <b>Pesticides Residues*</b> |              |              |
| Bromfenvinphos ethyl        | <R. L. | Sulprophos                  | <R. L. | Pyriproxyfen                | <R. L.       | 0.01 mg/Kg   |
| Tricyclazole                | <R. L. | Carbophenothion             | <R. L. | Fenarimol                   | <R. L.       | 0.01 mg/Kg   |
| Flutolanil                  | <R. L. | Edifenphos                  | <R. L. | Lambda-Cyhalothrin          | <R. L.       | 0.01 mg/Kg   |
| Prothiofos                  | <R. L. | Endosulfan total (sulfate)  | <R. L. | Azinphos ethyl              | <R. L.       | 0.01 mg/Kg   |
| Profenofos                  | <R. L. | 4,4'-Methoxychlor olefin    | <R. L. | Pyrazophos                  | <R. L.       | 0.01 mg/Kg   |
| Dieldrin                    | <R. L. | Lenacil                     | <R. L. | Pyraclofos                  | <R. L.       | 0.01 mg/Kg   |
| Fludioxonil                 | <R. L. | norflurazon                 | <R. L. | Acrinathrin                 | <R. L.       | 0.01 mg/Kg   |
| 4,4'-DDE                    | <R. L. | 4,4'-DDT                    | <R. L. | Trans Permethrine           | <R. L.       | 0.01 mg/Kg   |
| Pretilachlor                | <R. L. | Trifloxystrobin             | <R. L. | Pyridaben                   | <R. L.       | 0.01 mg/Kg   |
| 2,4'-DDD                    | <R. L. | Hexazinone                  | <R. L. | Cis Permethrine             | <R. L.       | 0.01 mg/Kg   |
| Oxadiazon                   | <R. L. | Tebuconazole                | <R. L. | Fluquinconazole             | <R. L.       | 0.01 mg/Kg   |
| Myclobutanil                | <R. L. | o,p'- Methoxychlor olefin   | <R. L. | Coumaphos                   | <R. L.       | 0.01 mg/Kg   |
| Diclobutrazol               | <R. L. | Captafol                    | <R. L. | Prochloraz                  | <R. L.       | 0.01 mg/Kg   |
| Azaconazole                 | <R. L. | Propargite                  | <R. L. | Cyfluthrin beta             | <R. L.       | 0.01 mg/Kg   |
| Prothiocanazole desthio     | <R. L. | Epoxiconazole               | <R. L. | Cypermethrin                | <R. L.       | 0.01 mg/Kg   |
| Flusilazole                 | <R. L. | Resmethrin                  | <R. L. | Flucythrinate               | <R. L.       | 0.01 mg/Kg   |
| Oxyfluorfen                 | <R. L. | Endrin ketone               | <R. L. | Etopenprox                  | <R. L.       | 0.01 mg/Kg   |
| Bupirimate                  | <R. L. | Nitralin                    | <R. L. | Fluridone                   | <R. L.       | 0.01 mg/Kg   |
| Endrin                      | <R. L. | Iprodione                   | <R. L. | Fenvalerate                 | <R. L.       | 0.01 mg/Kg   |
| Kresoxim Methyl             | <R. L. | Phosmet                     | <R. L. | Pyraclostrobin              | <R. L.       | 0.01 mg/Kg   |
| Nitrofen                    | <R. L. | Pyridaphenthion             | <R. L. | tau-Fluvalinate             | <R. L.       | 0.01 mg/Kg   |
| Cyproconazol                | <R. L. | Tetramethrin                | <R. L. | Difenoconazole              | <R. L.       | 0.01 mg/Kg   |
| Perthan                     | <R. L. | EPN                         | <R. L. | Deltamethrin                | <b>0.017</b> | 0.01 mg/Kg   |
| Endosulfan beta             | <R. L. | Methoxychlor                | <R. L. | Phorate                     | <R. L.       | 0.01 mg/Kg   |
| fenthion sulfoxide          | <R. L. | Bifenthrin                  | <R. L. | Methyl                      | <R. L.       | 0.01 mg/Kg   |
| Diniconazole                | <R. L. | Prothioconazole             | <R. L. | pentachlorophenyl           |              | 0.01 mg/Kg   |
| Chlorthiophos               | <R. L. | Tebufenpyrad                | <R. L. | sulfide                     |              | 0.01 mg/Kg   |
| 4,4'-DDD (TDE)              | <R. L. | Tetradifon                  | <R. L. | Metalaxyl                   | <R. L.       | 0.01 mg/Kg   |
| Cis Nonachlor               | <R. L. | Phenothrin                  | <R. L. | Fluazifop-P-butyl           | <R. L.       | 0.01 mg/Kg   |
| fenthion sulfone            | <R. L. | Azinphos methyl             | <R. L. | Triazophos                  | <R. L.       | 0.01 mg/Kg   |
| 2,4'-DDT                    | <R. L. | Phosalone                   | <R. L. | Piperonyl-Butoxide          | <R. L.       | 0.01 mg/Kg   |
| Endrin aldehyde             | <R. L. | Leptophos                   | <R. L. | Parathion methyl            | <R. L.       | 0.01 mg/Kg   |
| Ethion                      | <R. L. | Mirex                       | <R. L. | Parathion ethyl             | <R. L.       | 0.01 mg/Kg   |
| Chlorfenapyr                | <R. L. | Fenpropathrin               | <R. L. |                             |              | 0.01 mg/Kg   |

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

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# CHEM SOLUTIONS

## ANALYTICAL LABORATORIES

Kalimnou 5<sup>A</sup> Moschato, Athens, 18345  
Tel: +30 2111831992, e-mail: [info@chemsolutions.gr](mailto:info@chemsolutions.gr), [www.chemsolutions.gr](http://www.chemsolutions.gr)



CHEMICAL TESTING  
LABORATORY RECOGNIZED  
BY THE IOC  
1.12.2023- 30.11.2024  
TYPE B & C



Testing  
Cert. No 964

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Condition of Sample: Acceptable  
Sampling Responsible: Client  
Description: Sealed bottle No 244 01.11.2024

| Determination                                                                              | Result      | Report limit |
|--------------------------------------------------------------------------------------------|-------------|--------------|
| <b>Pesticides Residues*</b><br>(Table of concentrations of pesticides residues above R.L.) |             |              |
| Deltamethrin                                                                               | 0.017 mg/Kg | 0.01 mg/Kg   |

Method of analysis: In House GC MS/MS (J. of Chromatography A, 912 (2001) 135-142 & AOAC 2007.1)  
R.L.: Report Limit

DATE OF ISSUE: 04/11/2024

On behalf of the laboratory



Michalis Tampakopoulos  
Chemist, M.Sc.

#### End of the Report

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D140102#01-160913-M.T./ 08-010622#M.T.

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