

## CERTIFICATE OF ANALYSIS

### COSTUMER:

EXPLOTACIONES AGRARIAS AGUILAR GONZALEZ S.R.L.

C/CANALEJAS,4

23700 LINARES

JAEN

Certificate of Analysis (1): 60904113427 / M5/I

Laboratory reference: 1/7.213

Date of receipt: 27/11/2025

Final date of Analysis: 17/12/2025

Issue date: 04/09/2026

Sample for Testing: Olive Oils

Packing: BOTE PET OPACO 500ml TAPÓN PRECINTO VERDE

Quantity: 500ml

### DATA PROVIDED BY CLIENT (2)

#Sample reference: ENVASADORA LOTE 10/06

### ANALYSIS RESULTS

| Determination                           | Result | Unit          | Limits             | Procedure |
|-----------------------------------------|--------|---------------|--------------------|-----------|
| <b>Acidity</b>                          |        |               |                    |           |
| Acidity                                 | 0.11   | % (ac.oleic.) | ≤ 0.8 (Nota 1)     | PNT 1.08  |
| <b>Peroxide index</b>                   |        |               |                    |           |
| Peroxide index                          | 5.2    | meq O2/kg     | ≤ 20 (Nota 1)      | PNT 1.09  |
| <b>Spectrophotometric analysis</b>      |        |               |                    |           |
| K 270                                   | 0.11   | -             | ≤ 0.22 (Nota 1)    | PNT 1.10  |
| K 232                                   | 1.38   | -             | ≤ 2.50 (Nota 1)    | PNT 1.10  |
| ΔK                                      | <0.01  | -             | ≤ 0.01 (Nota 1)    | PNT 1.10  |
| <b>Ethyl Ester</b>                      |        |               |                    |           |
| Ethyl ester                             | <10    | mg/kg         | Max 35 (Nota 1)    | PNT 1.20  |
| <b>Content of waxes</b>                 |        |               |                    |           |
| C40 + C42 + C44 + C46                   | 36     | mg/kg         | No aplica (Nota 1) | PNT 1.20  |
| C42 + C44 + C46                         | 22     | mg/kg         | ≤ 150 (Nota 1)     | PNT 1.20  |
| <b>Tocopherols/Tocotrienols</b>         |        |               |                    |           |
| Totals tocopherols                      | 317    | mg/kg         |                    | PNT 1.18  |
| Alpha-Tocopherol                        | 297    | mg/kg         |                    | PNT 1.18  |
| Beta-Tocopherol                         | 2      | mg/kg         |                    | PNT 1.18  |
| Gamma-Tocopherol                        | 17     | mg/kg         |                    | PNT 1.18  |
| Delta-Tocopherol                        | <1     | mg/kg         |                    | PNT 1.18  |
| <b>Polycyclic aromatic hydrocarbons</b> |        |               |                    |           |
| Benzo(a)anthracene                      | <0.5   | ug/kg         |                    | PNT 1.23  |
| Chrysene                                | <0.5   | ug/kg         |                    | PNT 1.23  |
| Benzo(b)fluoranthene                    | <0.5   | ug/kg         |                    | PNT 1.23  |
| Benzo(a)pyrene                          | <0.5   | ug/kg         | Máx 2.0 (Nota 4)   | PNT 1.23  |
| PAH4 (sum B(a)A+Cr+B(b)F+B(a)P)         | <2.0   | ug/kg         | Máx 10.0 (Nota 4)  | PNT 1.23  |



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| Determination         | Result | Unit  | Limits            | Procedure            |
|-----------------------|--------|-------|-------------------|----------------------|
| <b>Metals.Note f)</b> |        |       |                   |                      |
| Iron                  | <1.0   | mg/kg | Max 3 (Nota 2)    | ICP/MS (Ver Nota f)) |
| Copper                | <0.10  | mg/kg | Max 0.1 (Nota 2)  | ICP/MS (Ver Nota f)) |
| Lead                  | <0.020 | mg/kg | Max 0.10 (Nota 4) | ICP/MS (Ver Nota f)) |
| Total Arsenic         | <0.020 | mg/kg | Max 0.1 (Nota 2)  | ICP/MS (Ver Nota f)) |

### Multiresidue (GC-MS/MS)

Procedure: PNT 1.13

Unit: mg/kg

| Determination                | Result | Determination         | Result | Determination        | Result |
|------------------------------|--------|-----------------------|--------|----------------------|--------|
| * 2,4-Methoxychlor           | <0.010 | 2-Phenylphenol(OPP)   | <0.010 | Acetochlor           | <0.010 |
| Acrinathrin                  | <0.010 | Alachlor              | <0.010 | * Aldrin             | <0.010 |
| * Ametryn                    | <0.010 | Anthraquinone         | <0.010 | Atrazine             | <0.010 |
| * Azinphos-ethyl             | <0.010 | * Azinphos-methyl     | <0.010 | Azoxystrobin         | <0.010 |
| Benalaxyl                    | <0.010 | * Bendiocarb          | <0.010 | Benfluralin          | <0.010 |
| * Bifenox                    | <0.010 | Bifenthrin            | <0.010 | * Biphenyl           | <0.010 |
| Boscalid                     | <0.010 | * Bromacil            | <0.010 | Bromfenvinphos-ethyl | <0.010 |
| Bromfenvinphos-methyl        | <0.010 | Bromophos-ethyl       | <0.010 | Bromophos-methyl     | <0.010 |
| Bromopropylate               | <0.010 | Bupirimate            | <0.010 | Buprofezin           | <0.010 |
| * Carbaryl                   | <0.010 | * Carbofuran (No Sum) | <0.010 | Carbophenothion      | <0.010 |
| Carfentrazone-ethyl (No Sum) | <0.010 | Chlorantraniliprole   | <0.010 | Chlorbenside         | <0.010 |
| Chlordane (cis+trans)        | <0.015 | Chlordane cis         | <0.010 | Chlordane trans      | <0.010 |
| Chlorfenapyr                 | <0.010 | Chlorfenson           | <0.010 | Chlorfenvinphos      | <0.010 |
| * Chlornitrofen              | <0.010 | Chlorobenzilate       | <0.010 | Chloroneb            | <0.010 |

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Nuestras políticas



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Activities marked (#) are not included in  
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## ANALYSIS RESULTS

### Multiresidue (GC-MS/MS)

**Procedure: PNT 1.13**

**Unit: mg/kg**

| Determination                             | Result | Determination               | Result | Determination                    | Result |
|-------------------------------------------|--------|-----------------------------|--------|----------------------------------|--------|
| * Chlorothalonil                          | <0.010 | Chlorpropham                | <0.010 | Chlorpyrifos                     | <0.010 |
| Chlorpyrifos-methyl                       | <0.010 | Chlorthal-dimethyl          | <0.010 | Chlorthiophos                    | <0.010 |
| * Chlozolinate                            | <0.010 | * Chrotoxyphos              | <0.010 | Clomazone                        | <0.010 |
| Coumaphos                                 | <0.010 | Cyfluthrin (sum of isomers) | <0.010 | Cyhalofop-butyl                  | <0.010 |
| Cypermethrin (sum of isomers)             | <0.010 | * Cyproconazole             | <0.010 | Cyprodinil                       | <0.010 |
| Deltamethrin                              | <0.010 | Di-allate                   | <0.010 | Diazinon                         | <0.010 |
| * Dichlobenil                             | <0.010 | Dichlofluanid               | <0.010 | Dichlorobenzophenone, 4,4'-      | <0.010 |
| * Dichlorvos                              | <0.010 | Dicloran                    | <0.010 | Dieldrin                         | <0.010 |
| Diethofencarb                             | <0.010 | Difenoconazole              | <0.010 | Diflufenican                     | <0.010 |
| Dimethachlor                              | <0.010 | Dimethenamid                | <0.010 | * Dimethoate                     | <0.010 |
| Diphenamid                                | <0.010 | Diphenylamine               | <0.010 | * Disulfoton (No Sum)            | <0.010 |
| * Diuron                                  | <0.010 | Edifenphos                  | <0.010 | Endosulfan (alpha+beta+sulphate) | <0.020 |
| Endosulfan alpha                          | <0.010 | Endosulfan beta             | <0.010 | Endosulfan sulfate               | <0.010 |
| Endrin                                    | <0.010 | * Endrin ketone             | <0.010 | EPN                              | <0.010 |
| Ethalfuralin                              | <0.010 | Ethion                      | <0.010 | Ethofumesate (No Sum)            | <0.010 |
| Ethylan                                   | <0.010 | * Etofenprox                | <0.010 | Etoxazole                        | <0.010 |
| 1,1-dichloro-2,2-bis(4-ethylphenyl)ethane | <0.010 | Etrimfos                    | <0.010 | Fenamidone                       | <0.010 |
| * Etridiazole                             | <0.010 | Fenarimol                   | <0.010 | * Fenazaquin                     | <0.010 |
| * Fenamiphos (No Sum)                     | <0.010 | Fenitrothion                | <0.010 | Fenpropathrin                    | <0.010 |
| Fenchlorphos (No Sum)                     | <0.010 | Fenthion (No Sum)           | <0.010 | Fenvalerate                      | <0.010 |
| Fenson                                    | <0.010 | Fluazifop-butyl (No Sum)    | <0.010 | Fluchloralin                     | <0.010 |
| Fipronil (No Sum)                         | <0.010 | Fludioxonil                 | <0.010 | Flumioxazin                      | <0.010 |
| Flucythrinate                             | <0.010 |                             |        |                                  |        |



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**Procedure: PNT 1.13**

**Unit: mg/kg**

| Determination                | Result | Determination        | Result | Determination                         | Result |
|------------------------------|--------|----------------------|--------|---------------------------------------|--------|
| Fluopicolide                 | <0.010 | * Fluorodifen        | <0.010 | Fluquinconazole                       | <0.010 |
| Fluridone                    | <0.010 | Flusilazole          | <0.010 | Fluvalinate-Tau                       | <0.010 |
| * Folpet (+Folpet deg.)      | <0.010 | Fonofos              | <0.010 | * Formothion                          | <0.010 |
| * Genite                     | <0.010 | Haloxypop-etotyl     | <0.010 | Haloxypop-methyl<br>(incl.H.p-methyl) | <0.010 |
| * HCH (alpha+beta+delta)     | <0.020 | HCH alpha            | <0.010 | * HCH beta                            | <0.010 |
| HCH delta                    | <0.010 | Heptachlor           | <0.010 | Heptachlor (+heptachlor<br>epoxide)   | <0.015 |
| Heptachlor epoxide           | <0.010 | Heptenophos          | <0.010 | * Hexachlorobenzene                   | <0.010 |
| * Hexazinone                 | <0.010 | * Indanofan          | <0.010 | * Indoxacarb                          | <0.010 |
| Iodofenphos                  | <0.010 | * Iprodione          | <0.010 | Isazofos                              | <0.010 |
| * Isodrin                    | <0.010 | Isofenphos           | <0.010 | Isofenphos-methyl                     | <0.010 |
| Isopropalin                  | <0.010 | Kresoxim-methyl      | <0.010 | Lambda-Cyhalothrin                    | <0.010 |
| * Lenacil                    | <0.010 | Leptophos            | <0.010 | * Lindane (HCH-g)                     | <0.010 |
| * Linuron                    | <0.010 | Malathion (No Sum)   | <0.010 | Mefenpyr-diethyl                      | <0.010 |
| Metazachlor (No Sum)         | <0.010 | Methacrifos          | <0.010 | Methidathion                          | <0.010 |
| * Methoxychlor               | <0.010 | Metolachlor (No Sum) | <0.010 | Metrafenone                           | <0.010 |
| Metribuzin                   | <0.010 | * Mevinphos          | <0.010 | Myclobutanil                          | <0.010 |
| * Nitralin                   | <0.010 | Nitrofen             | <0.010 | * Nonachlor (cis+trans)               | <0.015 |
| * Nonachlor cis              | <0.010 | * Nonachlor trans    | <0.010 | Norflurazon                           | <0.010 |
| Nuarimol                     | <0.010 | o,p'-DDD             | <0.010 | o,p'-DDE                              | <0.010 |
| * o,p'-DDT                   | <0.010 | Oxadiazon            | <0.010 | * Oxadixyl                            | <0.010 |
| Oxyfluorfen                  | <0.010 | * p,p'-DDD           | <0.010 | * p,p'-DDE                            | <0.010 |
| * p,p'-DDT                   | <0.010 | Paclobutrazol        | <0.010 | Parathion-ethyl                       | <0.010 |
| Parathion-methyl (No<br>Sum) | <0.010 | Pebulate             | <0.010 | Penconazole                           | <0.010 |
| Pendimethalin                | <0.010 | Pentachloroaniline   | <0.010 | * Pentachloroanisole                  | <0.010 |



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| Determination          | Result | Determination           | Result | Determination             | Result |
|------------------------|--------|-------------------------|--------|---------------------------|--------|
| * Pentachlorobenzene   | <0.010 | Pentachlorobenzonitrile | <0.010 | * Pentachlorothioanisole  | <0.010 |
| Permethrin (cis+trans) | <0.015 | Permethrin cis          | <0.010 | Permethrin trans          | <0.010 |
| Phenothrin             | <0.010 | Phenthoate              | <0.010 | Phorate (No Sum)          | <0.010 |
| Phosalone              | <0.010 | Phosmet                 | <0.010 | Piperonylbutoxide         | <0.010 |
| Pirimicarb             | <0.010 | Pirimiphos-ethyl        | <0.010 | Pirimiphos-methyl         | <0.010 |
| Pretilachlor           | <0.010 | * Prochloraz            | <0.010 | Procymidone               | <0.010 |
| Prodiamine             | <0.010 | Profenofos              | <0.010 | Profluralin               | <0.010 |
| Prometryn              | <0.010 | Propachlor (No Sum)     | <0.010 | Propanil                  | <0.010 |
| Propargite             | <0.010 | Propiconazole           | <0.010 | Propisochlor              | <0.010 |
| Propyzamide            | <0.010 | * Prosulfocarb          | <0.010 | Prothiofos                | <0.010 |
| Pyraclofos             | <0.010 | * Pyraclostrobin        | <0.010 | Pyraflufen-ethyl (No Sum) | <0.010 |
| Pyrazophos             | <0.010 | Pyridaben               | <0.010 | Pyridaphenthion           | <0.010 |
| Pyrifenox              | <0.010 | Pyrimethanil            | <0.010 | Pyriproxyfen              | <0.010 |
| Quinalphos             | <0.010 | Quinoxifen              | <0.010 | Quintozene                | <0.010 |
| Quintozene             | <0.015 | * Resmethrin            | <0.010 | Simazine                  | <0.010 |
| (+pentachloroaniline)  |        |                         |        |                           |        |
| Sulfotep               | <0.010 | Sulprofos               | <0.010 | * Tebuconazole            | <0.010 |
| Tebufenpyrad           | <0.010 | Tecnazene               | <0.010 | Tefluthrin                | <0.010 |
| * Terbacil             | <0.010 | Terbufos                | <0.010 | * Terbumeton              | <0.010 |
| Terbuthylazine         | <0.010 | Terbutryn               | <0.010 | Tetrachloroaniline, 2     | <0.010 |
| Tetrachlorvinphos      | <0.010 | Tetraconazole           | <0.010 | Tetradifon                | <0.010 |
| * Tetramethrin         | <0.010 | Tolclofos-methyl        | <0.010 | Tolylfluanid (No Sum)     | <0.010 |
| Transfluthrin          | <0.010 | Triadimefon             | <0.010 | * Triadimenol             | <0.010 |
| Tri-allate             | <0.010 | Triazophos              | <0.010 | * Tridiphane              | <0.010 |
| Trietazine             | <0.010 | Trifloxystrobin         | <0.010 | Trifluralin               | <0.010 |
| Vinclozolin            | <0.010 |                         |        |                           |        |



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### **ANALYSIS RESULTS**

**# The values of indicated limits are for the category: Extra Virgin Olive Oil**

#### **Comments:**

# Note 1: Limits indicated in Implementing Regulation (EU) 2022/2104 and subsequent modifications.

# Note 2: Limits of CODEX Stan 33-1981. Last rev.

# Note 4: Limits specified in the (UE) Regulation 2023/915 and subsequent amendments.

# Note MR: As established in Article 20 of Regulation 396/2005, to determine the MRL in processed products (olive oil), it is necessary to apply processing factors to the MRL of the original product (olives for oil). According to AESAN, in its note of February 28, 2024, the concentration factor for olive oil can be between 3 and 5.

# Pesticides indicated with "(No Sum)" do not include the full EU pesticide residue definition.

# Nota f) Ensayo cubierto por la acreditación N° 493/LE1019

# Este informe sustituye al informe n° 51203125305 para completar los datos de la muestra aportados por el cliente.

#### **NOTES:**

# Results that are expressed as a sum have been calculated prior to the rounding of decimals of each of the individually reported results.

# LC: limit of quantification. PNT: Normalized Work Procedure.

# The calculated uncertainty (U), in physicochemical parameters, is for a confidence level of 95% (k = 2), expressed in absolute value.

# Analytical methods results that include extraction phase have not been corrected because recovery factors are between 95% - 105%

Vº Bº Jefe de Laboratorio

  
Fdo: Mª Luisa Cuenca de los Cobos

(1) This report has been issued by Laboratorio Juan Antonio Tello S.L.U.

(2) Laboratorio Juan Antonio Tello S.L.U. is not responsible for the information of the sample provided by the client or for the sample collection.

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