

**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**ACEITES CASTELLAR, S.L.**  
**AVDA. ANDALUCIA, 13**  
**23260 CASTELLAR**  
**JAÉN**

**Certificate of Analysis (1): 51204135607 / M5/I**

**Laboratory reference: 1/5.801**

**Date of receipt: 18/11/2025**

**Final date of Analysis: 20/11/2025**

**Issue date: 04/12/2025**

**Sample for Testing: Olive Oils**

**Packing: 2 BOTES PET 250ml TAPÓN PRECINTO VERDE**

**Quantity: 500ml**

**DATA PROVIDED BY CLIENT (2)**

**#Sample reference: 25EN01-, 25EE04- 25EE10-**

**ANALYSIS RESULTS**

<b>Determination</b>	<b>Result</b>	<b>Unit</b>	<b>Limits</b>	<b>Procedure</b>
<b>Acidity</b>				
Acidity	<b>0.11</b>	% (ac.oleic.)	≤ 0.8 (Nota 1)	PNT 1.08
<b>Peroxide index</b>				
Peroxide index	<b>3.3</b>	meq O2/kg	≤ 20 (Nota 1)	PNT 1.09
<b>Spectrophotometric analysis</b>				
K 270	<b>0.17</b>	-	≤ 0.22 (Nota 1)	PNT 1.10
K 232	<b>1.58</b>	-	≤ 2.50 (Nota 1)	PNT 1.10
ΔK	<b>&lt;0.01</b>	-	≤ 0.01 (Nota 1)	PNT 1.10
<b>Ethyl Ester</b>				
Ethyl ester	<b>&lt;10</b>	mg/kg	Max 35 (Nota 1)	PNT 1.20
<b>Fatty acid Content</b>				
Lauric (C12:0)	<b>&lt;0.02</b>	%	No aplica	PNT 1.14
Myristic (C14:0)	<b>0.01</b>	%	≤ 0.03 (Nota 1)	PNT 1.14
Palmitic (C16:0)	<b>13.73</b>	%	7.00 -20.00 (Nota 1)	PNT 1.14
Palmitoleic (C16:1)	<b>1.18</b>	%	0.30 -3.50 (Nota 1)	PNT 1.14
Margaric (C17:0)	<b>0.04</b>	%	≤ 0.40 (Nota 1)	PNT 1.14
Margaroleic (C17:1)	<b>0.07</b>	%	≤ 0.60 (Nota 1)	PNT 1.14
Stearic (C18:0)	<b>2.60</b>	%	0.50 -5.00 (Nota 1)	PNT 1.14
Oleic (C18:1)	<b>77.96</b>	%	55.00 -85.00 (Nota 1)	PNT 1.14
Linoleic (C18:2)	<b>2.92</b>	%	2.50 -21.00 (Nota 1)	PNT 1.14
Linolenic (C18:3)	<b>0.68</b>	%	≤ 1.00 (Nota 1)	PNT 1.14
Arachidic (C20:0)	<b>0.39</b>	%	≤ 0.60 (Nota 1)	PNT 1.14
Eicosenoic (C20:1)	<b>0.23</b>	%	≤ 0.50 (Nota 1)	PNT 1.14
Behenic (C22:0)	<b>0.11</b>	%	≤ 0.20 (Nota 1)	PNT 1.14
Erucic (C22:1)	<b>&lt;0.10</b>	%	No aplica	PNT 1.14
Lignoceric (C24:0)	<b>0.06</b>	%	≤ 0.20 (Nota 1)	PNT 1.14



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**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

Determination	Result	Unit	Limits	Procedure
<b>Sum of trans Isomers</b>				
Tr Oleic (C18:1T)	<0.03	%	≤ 0.05 (Nota 1)	PNT 1.14
Tr L (C18:2T) + Tr Ln (C18:3T)	<0.03	%	≤ 0.05 (Nota 1)	PNT 1.14

# Maximum Residue Limits are indicated for unprocessed raw materials (EU Regulation 396/2005 and subsequent amendments). See Note MR.

**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
* Bifenoxy	<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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**Sample for Testing: Olive Oils**

**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	Etrinfos	<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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**Issue date: 04/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

**Multiresidue (GC-MS/MS)**

**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 (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 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 Sum)	<0.010	Pebulate	<0.010	Penconazole	<0.010
Pendimethalin	<0.010	Pentachloroaniline	<0.010	* Pentachloroanisole	<0.010



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**Issue date: 04/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

**Multiresidue (GC-MS/MS)**

**Procedure: PNT 1.13**

**Unit: mg/kg**

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
Pyraclufos	<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
(+pentacloroaniline)					
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
Terbutylazine	<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	Tolyfluanid (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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Laboratory reference: 1/5.801

Date of receipt: 18/11/2025

Final date of Analysis: 20/11/2025

Issue date: 04/12/2025

Sample for Testing: Olive Oils

### 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 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.

#### NOTES:

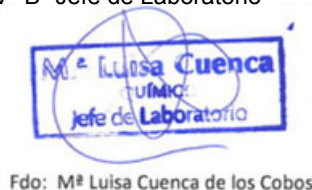
# Results that are expressed as a sum have been calculated prior to the rounding of decimals of each of the individually reported results.

# 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

  
M.ª Luisa Cuenca  
Jefe de Laboratorio  
Fdo: M.ª 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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**AVDA. ANDALUCIA, 13**

**23260 CASTELLAR  
JAÉN**

**Certificate of Analysis (1): 60206121225 / M1/I**

**Laboratory reference: 1/15.788**

**Date of receipt: 22/01/2026**

**Final date of Analysis: 23/01/2026**

**Issue date: 06/02/2026**

**Sample for Testing: Olive Oils**

**Packing: BOTE PET 250 ml TAPÓN PRECINTO VERDE**

**Quantity: 250 ml Aprox.**

### DATA PROVIDED BY CLIENT (2)

**#Sample reference: 25EN01-, 25EE04-, 25EE10-**

### ANALYSIS RESULTS

<u>DETERMINATION</u>	<u>RESULT</u>	<u>UNIT</u>	<u>LÍMIT</u>	<u>PROCEDURE</u>
<b>*Total Polyphenols</b>				
<b>Polyphenols (Cafeic)</b>	632	mg Ac.cafeico/kg		PNT 1.56 (Folin -Ciocalteu)

**NOTES:**

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

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**JAÉN**

**Certificate of Analysis (1): 51211113858 / M3/I**

**Laboratory reference: 1/5.801**

**Date of receipt: 18/11/2025**

**Final date of Analysis: 02/12/2025**

**Issue date: 11/12/2025**

**Sample for Testing: Olive Oils**

**Packing: 2 BOTES PET 250ml TAPÓN PRECINTO VERDE**

**Quantity: 500ml**

**DATA PROVIDED BY CLIENT (2)**

**#Sample reference: 25EN01-, 25EE04- 25EE10-**

**ANALYSIS RESULTS**

<b>DETERMINATION</b>	<b>RESULT</b>	<b>PROCEDURE</b>
<b>Organoleptic assessment</b>		
<b>Median of fruity</b>		<b>7.9</b> COI/T.20/Doc nº 15
<b>Median of defect</b>		<b>0.0</b> COI/T.20/Doc nº 15
<b>Organoleptic Classification</b>	<b>VIRGEN EXTRA</b>	COI/T.20/Doc.Nº15.Rev11. Clasf Reg 2022/2104

Vº Bº Jefe de Panel

Ana M.ª Camacho  
Jefe de Panel

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