

**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**Packing: 3 BOTES VIDRIO OPACO 500ml TAPÓN PRECINTO BLANCO      Quantity: 1.5L**

**DATA PROVIDED BY CLIENT (2)**

**#Sample reference: DEPÓSITO 2.1 ARBEQUINO**

**ANALYSIS RESULTS**

<b>Determination</b>	<b>Result</b>	<b>Unit</b>	<b>Limits</b>	<b>Procedure</b>
<b>Acidity</b>				
Acidity	<b>0.08</b>	% (ac.oleic.)	≤ 0.8 (Nota 1)	PNT 1.08
<b>Acidity Value</b>				
Acidity Value	<b>0.16</b>	mg KOH/g	Max 1.6 (Nota 3)	PNT 1.08
<b>Peroxide index</b>				
Peroxide index	<b>2.5</b>	meq O2/kg	≤ 20 (Nota 1)	PNT 1.09
<b>Peroxide index (mmol/kg)</b>				
Peroxide index (mmol/kg)	<b>1.3</b>	mmol/kg	Max 10 (Nota 2)	PNT 1.09
<b>Spectrophotometric analysis</b>				
K 270	<b>0.11</b>	-	≤ 0.22 (Nota 1)	PNT 1.10
K 232	<b>1.65</b>	-	≤ 2.50 (Nota 1)	PNT 1.10
ΔK	<b>&lt;0.01</b>	-	≤ 0.01 (Nota 1)	PNT 1.10
<b>Moisture</b>				
Moisture and volatile matter	<b>0.15</b>	%	≤ 0.2 (Nota 2)	PNT 1.11
<b>Diquat-Paraquat .</b>				
* Diquat	<b>&lt;0.01</b>	mg/kg		UPLC-MS/MS
* Paraquat	<b>&lt;0.01</b>	mg/kg		UPLC-MS/MS
<b>Insoluble impurities</b>				
Impurities (Petroleum ether)	<b>&lt;0.05</b>	%	≤ 0.10 (Nota 2)	PNT 1.12
<b>*Solvents</b>				
* Solvent residue sum	<b>&lt;1</b>	mg/kg		HS-GC-MS/MS
* Acetone	<b>&lt;1</b>	mg/kg		HS-GC-MS/MS
* 2-Propanol	<b>&lt;1</b>	mg/kg		HS-GC-MS/MS
* Methyl acetate	<b>&lt;1</b>	mg/kg		HS-GC-MS/MS
* Hexane	<b>&lt;1</b>	mg/kg		HS-GC-MS/MS



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

<b>Determination</b>	<b>Result</b>	<b>Unit</b>	<b>Limits</b>	<b>Procedure</b>
* 1-Propanol	<1	mg/kg		HS-GC-MS/MS
* Ethyl acetate	<1	mg/kg		HS-GC-MS/MS
* Methyl ethyl ketona	<1	mg/kg		HS-GC-MS/MS
* 2-Butanol	<1	mg/kg		HS-GC-MS/MS
* Tetrahydrofurane (THF)	<1	mg/kg		HS-GC-MS/MS
* Isobutanol	<1	mg/kg		HS-GC-MS/MS
* Cyclohexane	<1	mg/kg		HS-GC-MS/MS
* Isopropyl acetate	<1	mg/kg		HS-GC-MS/MS
* n-Butanol	<1	mg/kg		HS-GC-MS/MS
* n-Propyl acetate	<1	mg/kg		HS-GC-MS/MS
* Methyl isobutyl ketone	<1	mg/kg		HS-GC-MS/MS
* Isobutyl acetate	<1	mg/kg		HS-GC-MS/MS
* Toluene	<1	mg/kg		HS-GC-MS/MS
* n-Butyl acetate	<1	mg/kg		HS-GC-MS/MS
* Cyclohexane	<1	mg/kg		HS-GC-MS/MS
<b>Relative amounts of 1,2- and 1,3-diacylglycerols</b>				
1,2-diacylglycerols	<b>96.0</b>	%		PNT 1.79
1,3-diacylglycerols	<b>4.0</b>	%		PNT 1.79
<b>Determination of Pyropheophytin A</b>				
Pyropheophytin A	<0.5	%		PNT 1.77
<b>Iodine index</b>				
Iodine Index (Met. Wijs)	<b>81</b>	g iodo / 100 g	75 - 94 (Nota 2)	PNT 1.72
<b>Saponification value</b>				
Saponification value	<b>189</b>	mg KOH/g aceite	184- 196 (Nota 2)	PNT 1.73
<b>Refraction Index</b>				
Refraction Index (line D at 20°C)	<b>1.4687</b>	-	1.4677 - 1.4705 (Nota 2)	PNT 1.71
<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	<b>119</b>	mg/kg	No aplica (Nota 1)	PNT 1.20
C42 + C44 + C46	<b>34</b>	mg/kg	≤ 150 (Nota 1)	PNT 1.20



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

<b>Determination</b>	<b>Result</b>	<b>Unit</b>	<b>Limits</b>	<b>Procedure</b>
<b>Total sterols and composition</b>				
Total sterols	<b>1255</b>	mg/kg	≥ 1000 (Nota 1)	PNT 1.29
Cholesterol	<b>0.1</b>	%	≤ 0.5 (Nota 1)	PNT 1.29
Brassicasterol	<b>&lt;0.1</b>	%	≤ 0.1 (Nota 1)	PNT 1.29
Campesterol	<b>3.7</b>	%	≤ 4.0 (Nota 1)	PNT 1.29
Stigmasterol	<b>0.9</b>	%	< Camp (Nota 1)	PNT 1.29
β-sitosterol (apparent)	<b>94.1</b>	%	≥ 93.0 (Nota 1)	PNT 1.29
Δ-7-Stigmastenol	<b>0.3</b>	%	≤ 0.5 (Nota 1)	PNT 1.29
<b>Erythrodiol and Uvaol</b>				
Erythrodiol and uvaol	<b>2.4</b>	%	≤ 4.5 (Nota 1)	PNT 1.29
<b>Stigmastadienes</b>				
Stigmastadiene	<b>&lt;0.02</b>	mg/kg	≤ 0.05 (Nota 1)	PNT 1.16
<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>14.72</b>	%	7.00 -20.00 (Nota 1)	PNT 1.14
Palmitoleic (C16:1)	<b>1.46</b>	%	0.30 -3.50 (Nota 1)	PNT 1.14
Margaric (C17:0)	<b>0.14</b>	%	≤ 0.40 (Nota 1)	PNT 1.14
Margaroleic (C17:1)	<b>0.27</b>	%	≤ 0.60 (Nota 1)	PNT 1.14
Stearic (C18:0)	<b>2.13</b>	%	0.50 -5.00 (Nota 1)	PNT 1.14
Oleic (C18:1)	<b>70.74</b>	%	55.00 -85.00 (Nota 1)	PNT 1.14
Linoleic (C18:2)	<b>9.12</b>	%	2.50 -21.00 (Nota 1)	PNT 1.14
Linolenic (C18:3)	<b>0.58</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>0.28</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
<b>Sum of trans Isomers</b>				
Tr Oleic (C18:1T)	<b>&lt;0.03</b>	%	≤ 0.05 (Nota 1)	PNT 1.14
Tr L (C18:2T) + Tr Ln (C18:3T)	<b>&lt;0.03</b>	%	≤ 0.05 (Nota 1)	PNT 1.14



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

<b>Determination</b>	<b>Result</b>	<b>Unit</b>	<b>Limits</b>	<b>Procedure</b>
<b>Dif ECN42 (HPLC) and ECN42 theoretical</b>				
Difference ECN42	<0.05		≤ 0.2 (Nota 1)	PNT 1.19
<b>2-glyceril Monopalmitate</b>				
2-glyceril monopalmitate	0.8	%	Ver Nota A (Nota 1)	PNT 1.58
<b>*Unsaponifiable fraction</b>				
* Unsaponifiable matter	9.16	g/kg	Max 15 (Nota 2)	PNT 1.67 (Según ISO 3596)
<b>Tocopherols/Tocotrienols</b>				
Totals tocopherols	299	mg/kg		PNT 1.18
Alpha-Tocopherol	296	mg/kg		PNT 1.18
Beta-Tocopherol	1	mg/kg		PNT 1.18
Gamma-Tocopherol	2	mg/kg		PNT 1.18
Delta-Tocopherol	<1	mg/kg		PNT 1.18
<b>*Biophenols by HPLC</b>				
* Biophenols by HPLC	301.2	mg/kg (tirosol)		COI/T.20/Doc.29
* Tyrosol	1.6	mg/kg		COI/T.20/Doc.29
* Hydroxytyrosol	<1.0	mg/kg (tirosol)		COI/T.20/Doc.29
* Oleacein	78.9	mg/kg (tirosol)		COI/T.20/Doc.29
* Oleocanthal	45.0	mg/kg (tirosol)		COI/T.20/Doc.29
<b>Vitamin E</b>				
Vitamin E in 100 g	29.71	mg		PNT 1.18
Vitamin E in 14 g	4.16	mg		PNT 1.18
Vitamin E in 20 g	5.94	mg		PNT 1.18
<b>Listeria monocytogenes Detection - Note f</b>				
Listeria monocytogenes Detection	No detectado	UFC en 25 g		ENRIQUECIMIENTO Y SIEMB
<b>*Dioxins and dioxin-like PCBs.Nota c)</b>				
* Dioxin Sum (PCDD / F-OMS TEQ)	0.082 ± 0.041	pg/g	Max 0.75 (Nota 4)	Ver Nota c)
* Sum.Diox.and similar PCBs (EQT PCDD/F-)	0.112 ± 0.046	pg/g	Max 1.25 (Nota 4)	Ver Nota c)
<b>*Cupric chlorophyllins</b>				
* Cupric chlorophyllins	<0.05	mg/Kg		AAOCS Cc 13i-96
<b>Inherent plant toxins</b>				
Erucid acid	<2.0	g/kg	≤ 20.0 (Nota 4)	PNT 1.14



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

<b>Determination</b>	<b>Result</b>	<b>Unit</b>	<b>Limits</b>	<b>Procedure</b>
<b>*Melamine</b>				
* Melamine	<0.01	mg/kg	Máx 2.5 (Nota 4)	UPLC-MS/MS
* Ciromazine	<0.01	mg/kg		UPLC-MS/MS
<b>*Aliphatic hydrocarbons</b>				
* Mineral aliphatic hydrocarbons	<20	mg/kg		PNT 1.28
<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)
<b>*Aflatoxin</b>				
* Aflatoxin B1	<0.5	ug/kg		HPLC-MS
* Aflatoxin B2	<0.5	ug/kg		HPLC-MS
* Aflatoxin G1	<0.5	ug/kg		HPLC-MS
* Aflatoxin G2	<0.5	ug/kg		HPLC-MS
* Total Aflatoxins	<0.5	ug/kg		HPLC-MS
<b>*Microbiological analysis</b>				
* Aerobic bacteria at 22°C	<1.0 x 10	UFC		
* Aerobic bacteria at 37°C	<1.0 x 10	UFC		
* Molds and yeasts	<1.0 x 10	UFC/g		Rto. en placa
* Molds	<1.0 x 10	UFC/g		Rto. en placa
* Yeasts	<1.0 x 10	UFC/g		Rto. en placa
* E. coli B-glucuronidase positive	<1.0 x 10	UFC/g		ISO 16649-2:2001 S.en profundidad
* Salmonella spp	No detectado	en 25 g		IBISA cromoagar
* Aerobic mesophilic at 30 °C	<1.0 x 10	UFC/g		Rto. en placa
<b>*Nutritional analysis</b>				
* Moisture	<0.100	g/100g		Gravimetría
* Energy (Kcal/100 g)	900	Kcal/100 g		Cálculo
* Energy (KJ/100 g)	3700	KJ/100 g		Cálculo
* Fat total	100	g/100g		Hidrólisis y Soxhlet
* Saturated fatty acids	17.6	g/100 g		CG



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

Determination	Result	Unit	Limits	Procedure
* Monounsaturated fatty acids	72.7	g/100 g		CG
* Polyunsaturated fatty acids	9.7	g/100 g		CG
* Carbohydrates	<0.100	g/100 g		Cálculo
* Total sugars	<0.100	g/100 g		Volumetría
* Protein	<0.4	g/100 g		Volumetría
* Salt (NaCl)	<0.0125	g/100 g		ICP-MS
* Sodium	<4.00	mg/100g		ICP-MS
* Omega-3	0.58	g/100g		CG
* Omega-6	9.12	g/100g		CG
* Trans fatty acids	<0.06	g/100g		CG
<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

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

Determination	Result	Procedure	L.C.	Limits
Cipermetrina (suma isómeros)	0.023 mg/kg.	PNT 1.13	0.010	Máx 0.05

# 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



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

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

**Procedure: PNT 1.13**

**Unit: mg/kg**

Determination	Result	Determination	Result	Determination	Result
* 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
* 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)	0.023	* 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	Diffufenican	<0.010
Dimethachlor	<0.010	Dimethenamid	<0.010	* Dimethoate	<0.010
Diphenamid	<0.010	Diphenylamid	<0.010	* Disulfoton (No Sum)	<0.010



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

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

**Procedure: PNT 1.13**

**Unit: mg/kg**

Determination	Result	Determination	Result	Determination	Result
* Diuron	<0.010	Edifenphos	<0.010	Endosulfan	<0.020
Endosulfan alpha	<0.010	Endosulfan beta	<0.010	(alpha+beta+sulphate)	
Endrin	<0.010	* Endrin ketone	<0.010	Endosulfan sulfate	<0.010
Ethalfuralin	<0.010	Ethion	<0.010	EPN	<0.010
Ethylan	<0.010	* Etofenprox	<0.010	Ethofumesate (No Sum)	<0.010
1,1-dichloro-2,2-bis(4-ethylphenyl)ethane				Etozazole	<0.010
* Etridiazole	<0.010	Etrimfos	<0.010	Fenamidone	<0.010
* Fenamiphos (No Sum)	<0.010	Fenarimol	<0.010	* Fenazaquin	<0.010
Fenchlorphos (No Sum)	<0.010	Fenitrothion	<0.010	Fenpropathrin	<0.010
Fenson	<0.010	Fenthion (No Sum)	<0.010	Fenvalerate	<0.010
Fipronil (No Sum)	<0.010	Fluazifop-butyl (No Sum)	<0.010	Fluchloralin	<0.010
Flucythrinate	<0.010	Fludioxonil	<0.010	Flumioxazin	<0.010
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	<0.010
				(incl.H.p-methyl)	
* 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



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

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

**Procedure: PNT 1.13**

**Unit: mg/kg**

Determination	Result	Determination	Result	Determination	Result
* 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
* 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



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

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

**Procedure: PNT 1.13**

**Unit: mg/kg**

Determination	Result	Determination	Result	Determination	Result
Pyrifeno	<0.010	Pyrimethanil	<0.010	Pyriproxyfen	<0.010
Quinalphos	<0.010	Quinoxifen	<0.010	Quintozene	<0.010
Quintozene (+pentacloroaniline)	<0.015	* Resmethrin	<0.010	Simazine	<0.010
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				

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

**Comments:**



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51224080624 / M5/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 23/12/2025**

**Issue date: 24/12/2025**

**Sample for Testing: Olive Oils**

**ANALYSIS RESULTS**

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

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

# Note 3: Limits specified in the COI/T.15/NC N°3

# 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 A) Max 0.9 (si Ac.Palmitico < 14 %) y Max 1.0 (Si Ac.Palmitico >14%)

# Nota c) Ensayo cubierto por la acreditación N° LAB0060 emitida por ACCREDIA.

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

**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.

Laboratory Authorized by the Ministry of Agriculture and Fisheries No. A'052-AU. Partial reproduction of this report is expressly prohibited without the corresponding authorization of the Laboratory. These results refer only to the sample received and analyzed in the Laboratory. The uncertainties of the tests are calculated and available to the clients who request them.



**CERTIFICATE OF ANALYSIS**

**COSTUMER:**

**CASTILLO DE CANENA OLIVE JUICE, S.L.**

**C/ REMEDIOS, 4**

**23420 CANENA  
JAÉN**

**Certificate of Analysis (1): 51204132846 / M3/I**

**Laboratory reference: 1/7.914**

**Date of receipt: 02/12/2025**

**Final date of Analysis: 04/12/2025**

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

**Sample for Testing: Olive Oils**

**Packing: 3 BOTES VIDRIO OPACO 500ml TAPÓN PRECINTO BLANCO Quantity: 1.5L**

**DATA PROVIDED BY CLIENT (2)**

**#Sample reference: DEPÓSITO 2.1 ARBEQUINO**

**ANALYSIS RESULTS**

<b>DETERMINATION</b>	<b>RESULT</b>	<b>PROCEDURE</b>
<b>Organoleptic assessment</b>		
<b>Median of fruity</b>		<b>7.4</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

P.O. (Jefe de Panel)



(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.

Laboratory Authorized by the Ministry of Agriculture and Fisheries No. A'052-AU. Partial reproduction of this report is expressly prohibited without the corresponding authorization of the Laboratory. These results refer only to the sample received and analyzed in the Laboratory. The uncertainties of the tests are calculated and available to the clients who request them.

