

CERTIFICATE OF ANALYSIS

COSTUMER:

CASTILLO DE CANENA OLIVE JUICE, S.L.

C/ REMEDIOS, 4

**23420 CANENA
JAÉN**

Certificate of Analysis (1): 51126120706 / M5/I

Laboratory reference: 1/4.126

Date of receipt: 05/11/2025

Final date of Analysis: 25/11/2025

Issue date: 26/11/2025

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 1.9: ROYAL

ANALYSIS RESULTS

| Determination | Result | Unit | Limits | Procedure |
|------------------------------------|-----------------|---------------|------------------|------------------|
| Acidity | | | | |
| Acidity | 0.22 | % (ac.oleic.) | ≤ 0.8 (Nota 1) | PNT 1.08 |
| Acidity Value | | | | |
| Acidity Value | 0.44 | mg KOH/g | Max 1.6 (Nota 3) | PNT 1.08 |
| Peroxide index | | | | |
| Peroxide index | 8.7 | meq O2/kg | ≤ 20 (Nota 1) | PNT 1.09 |
| Peroxide index (mmol/kg) | | | | |
| Peroxide index (mmol/kg) | 4.3 | mmol/kg | Max 10 (Nota 2) | PNT 1.09 |
| Spectrophotometric analysis | | | | |
| K 270 | 0.14 | - | ≤ 0.22 (Nota 1) | PNT 1.10 |
| K 232 | 1.68 | - | ≤ 2.50 (Nota 1) | PNT 1.10 |
| ΔK | <0.01 | - | ≤ 0.01 (Nota 1) | PNT 1.10 |
| Moisture | | | | |
| Moisture and volatile matter | 0.07 | % | ≤ 0.2 (Nota 2) | PNT 1.11 |
| Diquat-Paraquat . | | | | |
| * Diquat | <0.01 | mg/kg | | UPLC-MS/MS |
| * Paraquat | <0.01 | mg/kg | | UPLC-MS/MS |
| Insoluble impurities | | | | |
| Impurities (Petroleum ether) | <0.05 | % | ≤ 0.10 (Nota 2) | PNT 1.12 |
| *Solvents | | | | |
| * Solvent residue sum | <1 | mg/kg | | HS-GC-MS/MS |
| * Acetone | <1 | mg/kg | | HS-GC-MS/MS |
| * 2-Propanol | <1 | mg/kg | | HS-GC-MS/MS |
| * Methyl acetate | <1 | mg/kg | | HS-GC-MS/MS |
| * Hexane | <1 | mg/kg | | HS-GC-MS/MS |



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|---|---------------|-----------------|--------------------------|------------------|
| * 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 |
| Relative amounts of 1,2- and 1,3-diacylglycerols | | | | |
| 1,2-diacylglycerols | 96.0 | % | | PNT 1.79 |
| 1,3-diacylglycerols | 4.0 | % | | PNT 1.79 |
| Determination of Pyropheophytin A | | | | |
| Pyropheophytin A | <0.5 | % | | PNT 1.77 |
| Iodine index | | | | |
| Iodine Index (Met. Wijs) | 83 | g iodo / 100 g | 75 - 94 (Nota 2) | PNT 1.72 |
| Saponification value | | | | |
| Saponification value | 190 | mg KOH/g aceite | 184- 196 (Nota 2) | PNT 1.73 |
| Refraction Index | | | | |
| Refraction Index (line D at 20°C) | 1.4687 | - | 1.4677 - 1.4705 (Nota 2) | PNT 1.71 |
| Ethyl Ester | | | | |
| Ethyl ester | <10 | mg/kg | Max 35 (Nota 1) | PNT 1.20 |
| Content of waxes | | | | |
| C40 + C42 + C44 + C46 | 47 | mg/kg | No aplica (Nota 1) | PNT 1.20 |
| C42 + C44 + C46 | 28 | mg/kg | ≤ 150 (Nota 1) | PNT 1.20 |



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|--------------------------------------|---------------|-------------|-----------------------|------------------|
| Total sterols and composition | | | | |
| Total sterols | 1276 | mg/kg | ≥ 1000 (Nota 1) | PNT 1.29 |
| Cholesterol | 0.1 | % | ≤ 0.5 (Nota 1) | PNT 1.29 |
| Brassicasterol | <0.1 | % | ≤ 0.1 (Nota 1) | PNT 1.29 |
| Campesterol | 2.7 | % | ≤ 4.0 (Nota 1) | PNT 1.29 |
| Stigmasterol | 1.8 | % | < Camp (Nota 1) | PNT 1.29 |
| β-sitosterol (apparent) | 94.3 | % | ≥ 93.0 (Nota 1) | PNT 1.29 |
| Δ-7-Stigmastenol | 0.2 | % | ≤ 0.5 (Nota 1) | PNT 1.29 |
| Erythrodiol and Uvaol | | | | |
| Erythrodiol and uvaol | 2.6 | % | ≤ 4.5 (Nota 1) | PNT 1.29 |
| Stigmastadienes | | | | |
| Stigmastadiene | <0.02 | mg/kg | ≤ 0.05 (Nota 1) | PNT 1.16 |
| Fatty acid Content | | | | |
| Lauric (C12:0) | <0.02 | % | No aplica | PNT 1.14 |
| Myristic (C14:0) | 0.03 | % | ≤ 0.03 (Nota 1) | PNT 1.14 |
| Palmitic (C16:0) | 13.13 | % | 7.00 -20.00 (Nota 1) | PNT 1.14 |
| Palmitoleic (C16:1) | 1.27 | % | 0.30 -3.50 (Nota 1) | PNT 1.14 |
| Margaric (C17:0) | 0.04 | % | ≤ 0.40 (Nota 1) | PNT 1.14 |
| Margaroleic (C17:1) | 0.08 | % | ≤ 0.60 (Nota 1) | PNT 1.14 |
| Stearic (C18:0) | 2.07 | % | 0.50 -5.00 (Nota 1) | PNT 1.14 |
| Oleic (C18:1) | 73.45 | % | 55.00 -85.00 (Nota 1) | PNT 1.14 |
| Linoleic (C18:2) | 7.92 | % | 2.50 -21.00 (Nota 1) | PNT 1.14 |
| Linolenic (C18:3) | 1.24 | % | ≤ 1.00 (Nota 1) | PNT 1.14 |
| Arachidic (C20:0) | 0.32 | % | ≤ 0.60 (Nota 1) | PNT 1.14 |
| Eicosenoic (C20:1) | 0.31 | % | ≤ 0.50 (Nota 1) | PNT 1.14 |
| Behenic (C22:0) | 0.08 | % | ≤ 0.20 (Nota 1) | PNT 1.14 |
| Erucic (C22:1) | <0.10 | % | No aplica | PNT 1.14 |
| Lignoceric (C24:0) | 0.06 | % | ≤ 0.20 (Nota 1) | PNT 1.14 |
| Sum of trans Isomers | | | | |
| 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 |



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|--|----------------------|-----------------|---------------------|---------------------------|
| Dif ECN42 (HPLC) and ECN42 theoretical | | | | |
| Difference ECN42 | 0.10 | | ≤ 0.2 (Nota 1) | PNT 1.19 |
| 2-glyceril Monopalmitate | | | | |
| 2-glyceril monopalmitate | 0.5 | % | Ver Nota A (Nota 1) | PNT 1.58 |
| *Unsaponifiable fraction | | | | |
| * Unsaponifiable matter | 10.31 | g/kg | Max 15 (Nota 2) | PNT 1.67 (Según ISO 3596) |
| Tocopherols/Tocotrienols | | | | |
| Totals tocopherols | 404 | mg/kg | | PNT 1.18 |
| Alpha-Tocopherol | 382 | mg/kg | | PNT 1.18 |
| Beta-Tocopherol | 3 | mg/kg | | PNT 1.18 |
| Gamma-Tocopherol | 20 | mg/kg | | PNT 1.18 |
| Delta-Tocopherol | <1 | mg/kg | | PNT 1.18 |
| *Biophenols by HPLC | | | | |
| * Biophenols by HPLC | 606.7 | mg/kg (tirosol) | | COI/T.20/Doc.29 |
| * Tyrosol | 8.6 | mg/kg | | COI/T.20/Doc.29 |
| * Hydroxytyrosol | 1.5 | mg/kg (tirosol) | | COI/T.20/Doc.29 |
| * Oleacein | 60.6 | mg/kg (tirosol) | | COI/T.20/Doc.29 |
| * Oleocanthal | 10.7 | mg/kg (tirosol) | | COI/T.20/Doc.29 |
| Vitamin E | | | | |
| Vitamin E in 100 g | 38.82 | mg | | PNT 1.18 |
| Vitamin E in 14 g | 5.43 | mg | | PNT 1.18 |
| Vitamin E in 20 g | 7.76 | mg | | PNT 1.18 |
| Listeria monocytogenes Detection - Note f | | | | |
| Listeria monocytogenes Detection | No detectado | UFC en 25 g | | ENRIQUECIMIENTO Y SIEMB |
| *Dioxins and dioxin-like PCBs.Nota c) | | | | |
| * Dioxin Sum (PCDD / F-OMS TEQ) | 0.027 ± 0.027 | pg/g | Max 0.75 (Nota 4) | Ver Nota c) |
| * Sum.Diox.and similar PCBs (EQT PCDD/F-) | 0.040 ± 0.029 | pg/g | Max 1.25 (Nota 4) | Ver Nota c) |
| *Cupric chlorophyllins | | | | |
| * Cupric chlorophyllins | <0.05 | mg/Kg | | AAOCS Cc 13i-96 |
| Inherent plant toxins | | | | |
| Erucid acid | <2.0 | g/kg | ≤ 20.0 (Nota 4) | PNT 1.14 |



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|------------------------------------|---------------|-------------|-------------------|-----------------------------------|
| *Melamine | | | | |
| * Melamine | <0.01 | mg/kg | Máx 2.5 (Nota 4) | UPLC-MS/MS |
| * Ciromazine | <0.01 | mg/kg | | UPLC-MS/MS |
| *Aliphatic hydrocarbons | | | | |
| * Mineral aliphatic hydrocarbons | <20 | mg/kg | | PNT 1.28 |
| Metals.Note f) | | | | |
| 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)) |
| *Aflatoxin | | | | |
| * 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 |
| *Microbiological analysis | | | | |
| * 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 |
| *Nutritional analysis | | | | |
| * 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 | 15.7 | g/100 g | | CG |



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|---|---------|---------|-------------------|------------|
| * Monounsaturated fatty acids | 75.1 | g/100 g | | CG |
| * Polyunsaturated fatty acids | 9.1 | 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 | 1.24 | g/100g | | CG |
| * Omega-6 | 7.92 | g/100g | | CG |
| * Trans fatty acids | <0.06 | g/100g | | CG |
| Polycyclic aromatic hydrocarbons | | | | |
| Benzo(a)anthracene | 1.2±0.2 | ug/kg | | PNT 1.23 |
| Chrysene | 1.1±0.2 | ug/kg | | PNT 1.23 |
| Benzo(b)fluoranthene | 0.8±0.2 | ug/kg | | PNT 1.23 |
| Benzo(a)pyrene | 1.1±0.2 | ug/kg | Máx 2.0 (Nota 4) | PNT 1.23 |
| PAH4 (sum B(a)A+Cr+B(b)F+B(a)P) | 4.1±0.6 | ug/kg | Máx 10.0 (Nota 4) | PNT 1.23 |

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 |



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Procedure: PNT 1.13

Unit: mg/kg

| Determination | Result | Determination | Result | Determination | Result |
|-------------------------------|--------|-----------------------------|--------|-----------------------------|--------|
| * 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) | <0.010 | * 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 | | |



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Multiresidue (GC-MS/MS)

Procedure: PNT 1.13

Unit: mg/kg

| Determination | Result | Determination | Result | Determination | Result |
|------------------------------------|--------|---|--------|--------------------------|--------|
| 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 |
| Etoazole | <0.010 | 1,1-dichloro-2,2-bis(4-ethylphenyl)ethane | | 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 | * Fluorodifen | <0.010 |
| Fluquinconazole | <0.010 | Fluopicolide | <0.010 | Flusilazole | <0.010 |
| Fluvalinate-Tau | <0.010 | Fluridone | <0.010 | Fonofos | <0.010 |
| * Formothion | <0.010 | * Folpet (+Folpet deg.) | <0.010 | Haloxypop-etotyl | <0.010 |
| Haloxypop-methyl (incl.H.p-methyl) | <0.010 | * Genite | <0.010 | HCH alpha | <0.010 |
| * HCH beta | <0.010 | * HCH (alpha+beta+delta) | <0.020 | Heptachlor | <0.010 |
| Heptachlor (+heptachlor epoxide) | <0.015 | HCH delta | <0.010 | Heptenophos | <0.010 |
| * Hexachlorobenzene | <0.010 | Heptachlor epoxide | <0.010 | * Indanofan | <0.010 |
| * Indoxacarb | <0.010 | * Hexazinone | <0.010 | * Iprodione | <0.010 |
| Isazofos | <0.010 | Iodofenphos | <0.010 | Isafenphos | <0.010 |
| Isafenphos-methyl | <0.010 | * Isodrin | <0.010 | Kresoxim-methyl | <0.010 |
| Lambda-Cyhalothrin | <0.010 | * Isopropalin | <0.010 | Leptophos | <0.010 |
| | | * Lenacil | <0.010 | | |



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Multiresidue (GC-MS/MS)

Procedure: PNT 1.13

Unit: mg/kg

| Determination | Result | Determination | Result | Determination | Result |
|---------------------------|--------|---------------------------|--------|-------------------------|--------|
| * 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 | 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 |

Laboratorio Tello S.L.U.

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Nuestras políticas



Tests marked (*) are not included in scope of Accreditation of ENAC. Activities marked (#) are not included in scope of Accreditation of ENAC.

CERTIFICATE OF ANALYSIS

COSTUMER:

CASTILLO DE CANENA OLIVE JUICE, S.L.

C/ REMEDIOS, 4

**23420 CANENA
JAÉN**

Certificate of Analysis (1): 51126120706 / M5/I

Laboratory reference: 1/4.126

Date of receipt: 05/11/2025

Final date of Analysis: 25/11/2025

Issue date: 26/11/2025

Sample for Testing: Olive Oils

ANALYSIS RESULTS

Multiresidue (GC-MS/MS)

Procedure: PNT 1.13

Unit: mg/kg

| Determination | Result | Determination | Result | Determination | Result |
|-----------------------|--------|------------------------------------|--------|------------------|--------|
| 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 |
| 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 | | |

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

Comments:



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23420 CANENA
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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.

El contenido de Vitamina E se calcula a partir de los resultados analíticos del Alfa-Tocoferol, Beta-Tocoferol, Gamma-Tocoferol y Delta-Tocoferol.

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

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

- La composición de ácidos grasos cumple con el árbol de decisiones para el ácido linolénico del Reglamento Delegado (UE) 2022/2104.

NOTES:

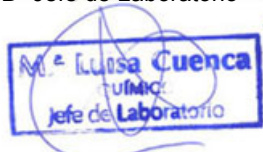
Results that are expressed as a sum have been calculated prior to the rounding of decimals of each of the individually reported results.

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
Umic
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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CERTIFICATE OF ANALYSIS

COSTUMER:

CASTILLO DE CANENA OLIVE JUICE, S.L.

C/ REMEDIOS, 4

**23420 CANENA
JAÉN**

Certificate of Analysis (1): 51112182200 / M3/I

Laboratory reference: 1/4.126

Date of receipt: 05/11/2025

Final date of Analysis: 12/11/2025

Issue date: 12/11/2025

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 1.9: ROYAL

ANALYSIS RESULTS

| DETERMINATION | RESULT | PROCEDURE |
|------------------------------------|---------------------|--|
| Organoleptic assessment | | |
| Median of fruity | | 7.7 COI/T.20/Doc nº 15 |
| Median of defect | | 0.0 COI/T.20/Doc nº 15 |
| Organoleptic Classification | VIRGEN EXTRA | 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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