

TEST REPORT

Report/Sample: 262000073

Customer: OLEOESTEPA S.C.A(Departamento de Produccion)
Address: POLIG.IND.SIERRA SUR CL. EL OLIVO S/N
VAT No: F41185117
City: 41560 ESTEPA (SEVILLA) (-)

Sample reception: 03/12/2025
Beginning of: 03/12/2025
Completion of: 15/12/2025

Sample of: FILTERED OIL
Type of packaging: SAMPLES IN TRANSPARENT GLASS CONTAINERS OF 100 AND 250 ML APPROX.
Identification provided by customer: LOTE 26076A
 ECOLÓGICO
 24.180 KG APROX.

Observations:

- * Mediana del Atributo Amargo: 3.4
- * Mediana del Atributo Picante: 3.6

Determination	Result	U	Units	Technique	Method
*Median of defect	0.0			Sensory analysis	¹ IOC/T.20/Doc. Nº15, Rev. 11
*Median of the fruity attribute	5.3			Sensory analysis	¹ IOC/T.20/Doc. Nº15, Rev. 11
*Panel Test Classification	Virgen Extra			Sensory analysis	¹ IOC/T.20/Doc. Nº15, Rev. 11
*ABT Scale	3/4				I.P. PNT-ABT
*Determination of free fatty acids (cold method)	0,17		% Ácido Oleico	Volumetry	IOC/T.20/Doc. Nº34 Rev. 1
*Peroxide value	3,5		mEqO ₂ /Kg	Volumetry	IOC/T.20/Doc. Nº35 Rev. 1
*Absorbance UV (K 1%-1cm)	-				
*K-232 nm	1,30			Spectrophotometry	IOC/T.20/Doc. Nº19 Rev. 5
*K-270 nm (Cyclohexane)	0,12			Spectrophotometry	IOC/T.20/Doc. Nº19 Rev. 5
*Delta K	-0,01			Spectrophotometry	IOC/T.20/Doc. Nº19 Rev. 5
*Ethyl esters	<4		mg/kg	Gas chromatography	IOC/T.20/Doc. Nº28 Rev. 4
*ECN 42 R - ECN 42 T	0.04		%	HPLC-FLD	IOC/T.20/Doc. Nº20 Rev. 4
*Waxes	<30		mg/kg	Gas chromatography	IOC/T.20/Doc. Nº28 Rev. 4
*3,5 Stigmastadienes	<0.01		mg/Kg Grasa	Gas chromatography	IOC/T.20/Doc. Nº11 Rev. 4
*Erythrodiol + Uvaol	1.3		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Total sterols	1633		mg/kg	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Sterols composition	-				
*Cholesterol	0.1		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Brassicasterol	N.D.		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*24-Methylene-cholesterol	0.2		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Campesterol	2.6		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Campestanol	0.1		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Stigmasterol	0.8		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Delta 7 Campesterol	0.0		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Apparent Beta-Sitosterol	95.3		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Delta 7 Stigmastenol	0.3		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. Nº26 Rev. 5
*Delta 7 Avenasterol	0.7		%	Gas chromatography	IOC/T.20/Doc. Nº26 Rev. 5
*Fatty acid composition	-				
*Myristic C-14	0.01		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Palmitic C-16	10.41		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Palmitoleic C-16:1	0.72		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Margaric C-17	0.17		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Margaroleic C-17:1	0.26		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Stearic C-18	3.56		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Oleic C-18:1	75.02		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1

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*Linoleic C-18:2	7.96		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Linolenic C-18:3	0.87		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Arachidic C-20	0.47		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Gadoleic C-20:1	0.31		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Behenic C-22	0.12		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Lignoceric C-24	0.06		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Trans Oleic	0.02		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Trans Linoleic + Linolenic	0.03		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Halogenated solvents	<0.01		mg/kg		IOC/T.20/Doc. N°8
*PAH'S	-				-
*Benzo(a)pirene	<0.50		µg/kg	HPLC-FLD	RULE EEC 208/2005
*Benzo(a)anthracene	<1.00		µg/kg	HPLC-FLD	RULE EEC 208/2005
*Benzo(b)fluoranthene	<0.50		µg/kg	HPLC-FLD	RULE EEC 208/2005
*Crisene	<1.00		µg/kg	HPLC-FLD	RULE EEC 208/2005
*2-Glyceryl monopalmitate	0.4		%	Gas chromatography	IOC/T.20/Doc. N°23 Rev. 1
*Chlorophyll derivatives	-				-
*Pyropheophytin x 100/ (pyropheophytin + pyropheophytin a+a')	<1.0		%	HPLC-DAD	I.P. PNT-PIR
*Diglyceride isomers	-				-
*Total diglycerides	2.6		%	Gas chromatography	I.P. PNT-ID
*1,2-diglycerides to the total diglycerides	93.9		%	Gas chromatography	I.P. PNT-ID
*Total tocopherols	404		mg/kg		I.P. PNT-TOC
*Alpha-Tocopherol	386		mg/kg	HPLC-FLD	I.P. PNT-TOC
*Beta-Tocopherol	6		mg/kg	HPLC-FLD	I.P. PNT-TOC
*Gamma-Tocopherol	12		mg/kg	HPLC-FLD	I.P. PNT-TOC
*Delta-Tocopherol	<1		mg/kg	HPLC-FLD	I.P. PNT-TOC
*Oxidative stability - Rancimat at 100°C	62.5		Horas	Rancimat	I.P. PNT-RAN
*Moisture and volatile matter	0.08		%	Gravimetry	STANDARD UNE-EN ISO-662: 2001
*Insoluble Impurities	N.D.		%	Solvent extraction	STANDARD UNE-EN ISO-663: 2002
*Multiresidual Analysis in Oil by Gas Chromatography	-				
*Acrinathrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Alachlor	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Aldrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Atrazine	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Azaconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Benfluralin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Benfuresate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Biphenyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Bifenthrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Bitertanol	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Bromocyclen	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Bromophos-ethyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Bromophos-methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Bromopropylate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Bupimirate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Buprofezin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Butafenacil	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Butralin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Cadusafos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Captan	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Cyfluthrin-beta	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Cyhalothrin-Lambda	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Captafol	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Clomazone	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA

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*Chlordane	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorfenapyr	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorfenvinphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorofenson	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chloroneb	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chloropropylate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorpyrifos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorpyrifos-methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorthal dimethyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorthiophos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Cypermethrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Deltamethrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Diazinon	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dichlobenil	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Diclobutrazol	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dichlofenthion	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Diclofop-methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dichlofluanid	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dichlormid	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dieldrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Difenoconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Diflufenican	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dimethenamid	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dimoxystrobin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Diniconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Dipropethrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Disulfoton	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Endosulfan-alpha	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Endosulfan-beta	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Endosulfan sulfate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Endrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*EPN	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Ethion	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Ethofumesate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Ethoprophos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Famphur (Famophos)	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fempropatrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fenarimol	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fenclorphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fenitrothion	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fenpropimorph	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fensulfothion	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Phenthoate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fenvalerate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fluazifop-P-butyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Flumioxazine	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fumetralin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fluotrimazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fluquinconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Flusilazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Fonofos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Phosalone	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Phosmet	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Hexachlorociclohexano (HCH) alpha	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Hexachlorociclohexano (HCH) beta	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*HexachlorociclohexanoHCH-gamma (Lindane)	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA

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*Heptachlor	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Heptenophos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Hexachlorobenzene	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Hexaconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Hexacinone	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Iodofenphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Iprobenfos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Isazofos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Isofenphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Isofenphos-methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Kresoxim-methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Malathion	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Mecarbam	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Mefenpyr-diethyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Metazachlor	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Methidathion	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Metolachlor	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Methoprotryne	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Methoxychlor	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Myclobutanil	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Molinate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Napropamide	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Nitrofen	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Nitrothal-Isopropyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*o,p'-DDD	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*o,p'-DDE	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Ofurace	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Oxadiazon	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Oxyfluorfen	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*p,p'-DDD	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*p,p'-DDE	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Parathion-ethyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Parathion-methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Penconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pendimethalin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pentachloroanisole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Perbulate	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Permethrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Picoxystrobin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Piperonyl butoxide	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pyrazophos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pyridaben	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Piridafenthion	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pyrifenox	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pirimicarb	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pirimiphos-ethyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pirimiphos-methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Pyriproxyfen	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Procyimidone	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Profenofos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Profluralin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Prometryn	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Propachlor	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Propetamphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Propiconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Propyzamide	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA

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*Prothiofos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Quinalphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Quinoxifen	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Quintozene	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Simazine	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Sulfotep	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Sulprofos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tebuconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tebufenpyrad	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tebupirimiphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tecnazene	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tefluthrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Terbacil	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Terbufos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Terbumetone	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Terbutylazine	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Terbutryn	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tetraconazole	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tetradifon	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tetramethrin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tetrasul	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Tolclophos methyl	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Triadimefon	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Triadimenol	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Trifloxystrobin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Vinclozolin	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Multiresidual Analysis in Oil by Liquid Chromatography	-				
*3-Hydroxycarbofuran	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Abamectin	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Acephate	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Acetamiprid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Acibenzolar-S-methyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Aldicarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Aldicarb sulfone	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Aldicarb sulfoxide	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Amitraz	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Azoxystrobin	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Benalaxyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Bendiocarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Boscalid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Bromuconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Butocarboxim	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Butoxycarboxim	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Carbaryl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Carbetamide	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Carbofuran	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Carfentrazone ethyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Chlorantraniliprole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Chlorfluazuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Chloroxuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Chlortoluron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Clofentezine	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Clormecuat	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Clothianidin	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Coumaphos	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Cyazofamid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL

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Determination	Result	U	Units	Technique	Method
*Cymoxanil	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Cyproconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Cyprodinil	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Cyromazine	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Desmedipham	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Dicrotophos	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Diethofencarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Difenoconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Diflubenzuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Dimethoate	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Dimethomorph	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Dioxacarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Diuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Dodina	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Epoconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Etaconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Ethiofencarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Ethiprole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Etoxazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Famoxadon	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fenamidone	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fenazaquin	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fenbuconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fenhexamid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fenobucarb (BPMC)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fenoxycarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fenuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fention	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fention oxon	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fention oxon Sulfóxido	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fention Sulfona	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fention Sulfóxido	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Flazasulfuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Flonicamid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Florasulam	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Flubendiamide	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Flufenacet (Fluthiamide)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Flufenoxuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fluometuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Fluoxastrobin	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Flutolanil	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Flutriafol	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Forchlorfenuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Formetanate HCl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Furalaxyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Furathiocarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Haloxifop Methyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Hexaflumuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Hexythiazox	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Imazalil	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Imidacloprid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Indoxacarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Ipconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Iprovalicarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Isocarbophos	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Isofetamida	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL

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Determination	Result	U	Units	Technique	Method
*Isoproc carb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Isoproturon	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Linuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Lufenuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Mandipropamid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Mefenacet	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Mepanipirim	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Mepronil	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Metaflumizone	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Metalaxyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Metconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Methamidophos	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Methiocarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Methomyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Methoxyfenozide	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Metobromuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Metribuzin	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Mevinphos	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Monocrotophos	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Monolinuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Neburon	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Nitenpyram	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Novaluron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Omethoate	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Oxadixyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Oxamyl	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Pacllobutrazol	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Penoxsulam	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Phenmedipham	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Prochloraz	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Promecarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Prometon	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Propamocarb free base	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Propargite	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Propham	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Propoxur (Baygon)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Prosulfocarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Prothioconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Pymetrozine	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Pyracarbolid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Pyraclostrobin	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Rotenone	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Siduron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Simetryn	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Spinosad (A&D)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Spirodiclofen	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Spiromesifen	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Spirotetramat	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Spiroxamine	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Tebufenozide	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Tebuthiuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Teflubenzuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Thiabendazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Thiacloprid	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Thiamethoxam	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Thiobencarb	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL

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Determination	Result	U	Units	Technique	Method
*Trichlorfon (Dylox)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Tricyclazole (Beam)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Triflumizole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Triflumuron	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Triticonazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Vamidothion (Vamidoate)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Zoxamide	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Biophenol Content	-				
*Total Biophenols	353		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Hidroxytyrosol	1.2		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*tyrosol	2.7		mg/kg	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Oleaceína	70.9		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Oleocanthal	32.0		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Unsaponifiable matter	9.2		g/Kg	Gas chromatography	I.P. PNT-INS

Analysis without official recognition. The sample has been provided by the customer. The laboratory is not responsible for information provided by the client that affects the validity of the results and is not covered by the scope of accreditation.

P.I.: Internal Procedure

In quantitative methods, estimated uncertainty (U) is calculated based on a 95% confidence level (K=2).

[1] The organoleptic assessment classification has been carried out following the characteristics described in the (EU) regulation 2022/2104.

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The analysis only attests to the sample as it was received.

Laboratory recognized by the IOC for physicochemical analysis during the period from 1-12-2025 to 30-11-2026

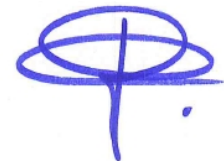
Laboratory authorized by the General Directorate of Industries, Innovation and Agri-food Chain. Ministry of Agriculture, Fisheries, Water and Rural Development.

Digitally signed:

Issue date of the report

31/03/2026 10:02:22

Estepa, 15 of December of 2025



Purificación Arteaga Martín

MANAGER LABORATORY