

## TEST REPORT

**Report/Sample: 262000148**

**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:** 23/01/2026  
**Beginning of:** 23/01/2026  
**Completion of:** 28/01/2026

**Sample of:** FILTERED OIL  
**Type of packaging:** SAMPLES IN TRANSPARENT GLASS CONTAINERS OF 100 AND 250 ML APPROX.  
**Identification provided by customer:** LOTE 26030E  
 26.440 KG APROX.

### Observations:

\* Mediana del Atributo Amargo: 4.1

\* Mediana del Atributo Picante: 3.9

Determination	Result	U	Units	Technique	Method
*Median of defect	0.0			Sensory analysis	<sup>1</sup> IOC/T.20/Doc. N°15, Rev. 11
*Median of the fruity attribute	5.5			Sensory analysis	<sup>1</sup> IOC/T.20/Doc. N°15, Rev. 11
*Panel Test Classification	Virgen Extra			Sensory analysis	<sup>1</sup> IOC/T.20/Doc. N°15, Rev. 11
*ABT Scale	3/4				I.P. PNT-ABT
*Determination of free fatty acids (cold method)	0,13		% Ácido Oleico	Volumetry	IOC/T.20/Doc. N°34 Rev. 1
*Peroxide value	5,5		mEqO2/Kg	Volumetry	IOC/T.20/Doc. N°35 Rev. 1
*Absorbance UV (K 1%-1cm)	-				
*K-232 nm	1,61			Spectrophotometry	IOC/T.20/Doc. N°19 Rev. 5
*K-270 nm (Cyclohexane)	0,14			Spectrophotometry	IOC/T.20/Doc. N°19 Rev. 5
*Delta K	-0,01			Spectrophotometry	IOC/T.20/Doc. N°19 Rev. 5
*Ethyl esters	<4		mg/kg	Gas chromatography	IOC/T.20/Doc. N°28 Rev. 4
*ECN 42 R - ECN 42 T	0.08		%	HPLC-FLD	IOC/T.20/Doc. N°20 Rev. 4
*Waxes	30		mg/kg	Gas chromatography	IOC/T.20/Doc. N°28 Rev. 4
*3,5 Stigmastadienes	<0.01		mg/Kg Grasa	Gas chromatography	IOC/T.20/Doc. N°11 Rev. 4
*Erythrodiol + Uvaol	1.5		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Total sterols	1730		mg/kg	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Sterols composition	-				
*Cholesterol	0.1		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Brassicasterol	N.D.		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*24-Methylene-cholesterol	0.2		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Campesterol	2.7		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Campestanol	0.1		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Stigmasterol	0.7		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Delta 7 Campesterol	0.0		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Apparent Beta-Sitosterol	95.3		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Delta 7 Stigmastenol	0.2		%	Gas chromatography	I.P. PNT-EST based on IOC/T.20/Doc. N°26 Rev. 5
*Delta 7 Avenasterol	0.6		%	Gas chromatography	IOC/T.20/Doc. N°26 Rev. 5
*Fatty acid composition	-				
*Myristic C-14	0.02		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Palmitic C-16	10.49		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Palmitoleic C-16:1	0.80		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Margaric C-17	0.18		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Margaroleic C-17:1	0.28		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Stearic C-18	3.56		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Oleic C-18:1	75.10		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1
*Linoleic C-18:2	7.67		%	Gas chromatography	I.P. PNT-AAGG based on IOC/T.20/Doc. N°33 Rev. 1

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Determination	Result	U	Units	Technique	Method
*Linolenic C-18:3	0.87		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Arachidic C-20	0.48		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Gadoleic C-20:1	0.32		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Behenic C-22	0.12		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Lignoceric C-24	0.07		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Trans Oleic	0.02		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Trans Linoleic + Linolenic	0.03		%	Gas chromatography	I.P.PNT-AAGG based on IOC/T.20/Doc. Nº33 Rev. 1
*Halogenated solvents	<0.01		mg/kg		IOC/T.20/Doc. Nº8
*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-Glyceril monopalmitate	0.4		%	Gas chromatography	IOC/T.20/Doc. Nº23 Rev. 1
*Chlorophyll derivatives	-				-
*Pyropheophytin x 100/ (pyropheophytin + pyropheophytin a+a')	<1.0		%	HPLC-DAD	I.P. PNT-PIR
*Diglyceride isomers	-				-
*Total diglycerides	1.6		%	Gas chromatography	I.P. PNT-ID
*1,2-diglycerides to the total diglycerides	94.1		%	Gas chromatography	I.P. PNT-ID
*Total tocopherols	373		mg/kg		I.P. PNT-TOC
*Alpha-Tocopherol	362		mg/kg	HPLC-FLD	I.P. PNT-TOC
*Beta-Tocopherol	5		mg/kg	HPLC-FLD	I.P. PNT-TOC
*Gamma-Tocopherol	6		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	63.0		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
*Chlordane	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Chlorfenapyr	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA

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*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
*Dichlofluand	< 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
*Heptachlor	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Heptenophos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA

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Determination	Result	U	Units	Technique	Method
*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
*Prothiofos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA
*Quinalphos	< 0,010		mg/kg	GC-MSMS QQQ (Quechers)	PNT-MRA

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*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
*Terbuthylazine	< 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
*Cymoxanil	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Cyproconazole	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL

## TEST REPORT

**Report/Sample: 262000148**

Determination	Result	U	Units	Technique	Method
*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
*Epoxiconazole	<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
*Isoprocab	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Isoproturon	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL

## TEST REPORT

**Report/Sample: 262000148**

Determination	Result	U	Units	Technique	Method
*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
*Mepanipyrim	<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
*Paclobutrazol	<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
*Trichlorfon (Dylox)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL
*Tricyclazole (Beam)	<0,010		mg/kg	LC-MSMS QQQ (Quechers)	PNT-MRAL

## TEST REPORT

**Report/Sample: 262000148**

Determination	Result	U	Units	Technique	Method
*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	322		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Hidroxytyrosol	<1.0		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*tyrosol	2.6		mg/kg	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Oleaceína	50.9		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Oleocanthal	29.7		mg/kg (Tirosol)	HPLC-UV	COI / T20 / DOC No. 29 Rev.2
*Unsaponifiable matter	11.8		g/Kg	Gas chromatography	I.P. PNT-INS
*Appearance	Límpido				
*Oxidative stability - Rancimat at 120°C	13.4		Horas	Rancimat	I.P. PNT-RAN

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 10:02:21

Estepa, 28 of January of 2026



Purificación Arteaga Martín

MANAGER LABORATORY