

## ANALYSIS REQUEST / CONTRACT

Request date:

### DETAILS OF THE APPLICANT COMPANY OR PERSON

In the case of regular customers, fill in only the name of the organization, contact person and town.

COMPANY NAME:		C.I.F.:
CONTACT PERSON:		
TELEPHONE:	FAX:	E-MAIL:
ADDRESS:		
TOWN::	PROVINCE:	COUNTRY

**SAMPLE DATA:**

Please check that the sample reference is correct. Once the test report has been issued, new reports or supplements may not be issued with data not available in the Test Request.

## OLIVE OILS

### ANALYTICAL PACK

#Reglamento Delegado (UE) 2022/2104

#### #SPECIFIC SPECIFICATIONS OF THE SAMPLE

Extra virgin olive oil	<input type="checkbox"/>	Olive oil (refined olives and virgin olives)	<input type="checkbox"/>
Virgin olive oil	<input type="checkbox"/>	Crude olive pomace oil	<input type="checkbox"/>
Lampante olive oil	<input type="checkbox"/>	Refined olive pomace oil	<input type="checkbox"/>
Refined olive oil	<input type="checkbox"/>	Olive pomace oil	<input type="checkbox"/>

Analyze shape

Individual

Proportional Set

#COMPLIANCE WITH STANDARD SPECIFICATIONS

### QUALITY

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
ACIDITY DEGREE (2)	PNT 1.08	HUMIDITY AND VOLATILE MATTER	PNT 1.11
PEROXIDE INDEX (IP)	PNT 1.09	INSOLUBLE IMPURITIES	PNT 1.12
SPECTROPHOTOMETRIC TEST (K270, K232, ΔK)	PNT 1.10	LOVIBOND COLOUR INDEX ( 1" o 5-1/4	PNT 1.75 ( INDICATE"")
ETHYL ESTERS	PNT 1.20	* HUMIDITY BY KARL FISHER	KARL FISHER
*ETHYL ESTERS (1)	PNT 1.69		

(1): The results obtained through this procedure are not covered by ENAC accreditation or by its international recognition agreements, so it will be issued in the corresponding reports without the protection of ENAC.

(2): Available in other units Acid value, \*Palmitic acidity

(3): Available in other units mmol/kg or g/100g

### PURITY

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
WAXES	PNT 1.20	IODINE INDEX	PNT 1.72
STEROLS AND TOTAL STEROLS	PNT 1.29	SAPONIFICATION INDEX	PNT 1.73
COMPOSITION ERYTHRODIOL + UVAOL		REFRACTIVE INDEX (20°C a 60°C)	PNT 1.71 (INDICATE Tª)
FATTY ACIDS COMPOSITION (TRANS-CIS)	PNT 1.14	* RELATIVE DENSITY	PNT 1.55 (INDICATE Tª)
STIGMASTADIENE	PNT 1.16	*UNSATURATED FRACTION	PNT 1.67
ALIPHATIC ALCOHOLS	PNT 1.29	* SATURATED FATTY ACIDS IN POSITION 2 OF TRIGLYCERIDES	PNT 1.15
DIFFERENCE OF ECN42	PNT 1.19	* TRIGLYCERIDE PROFILE	COI/T.20/Doc. n.º 20, P.5
MONOPALMITATE-2-GLYCERIL	PNT 1.58		

### Determinations with added value

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
TOCOPHEROLS ANALYSIS	PNT 1.18	1-2 DIACYLGLYCEROLS	PNT 1.79
* TOTAL BIOPHENOLS (IOC METHOD)	PNT 1.76	* SQUALENE	PNT 1.70
PYROPHEOPHYTIN	PNT 1.77	* CHLOROPHYLL CONTENT	AAOCS Cc 13i-96
RANCIMAT (OXIDATIVE STABILITY) (120°C, 110°C o 100°C)	PNT 1.84 (INDICATE Tª)	* HYDROXY PENTACYCLIC TRITERPENIC ACIDS (HPTA)	PNT 1.89.
* TOTAL POLYPHENOLS (FOLIN-CIOCALTEU)	PNT 1.56	* ANTIOXIDANTS	PNT 1.88

### PANEL

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
ORGANOLEPTIC EVALUATION VOO (2)	COI/T.20/Doc. n.º 15	* MEDIUM BITTER/PUNGENT	COI/T.20/Doc. n.º 15
		*SENSORY PROFILE	PNT 1.27

(2) In case of not indicating type of classification, the result will be expressed as specified in Implementing Regulation 2022/2105

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**POLLUTANTS**

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
PESTICIDES (CG-MS/MS)	PNT 1.13	* PESTICIDES (HPLC-MS/MS)	LAB 1-01-120
POLYCYCLIC AROMATIC HYDROCARBONS (PHAS)	PNT 1.23	* CUPRIC CHLOROPHYLLIN	PNT 1.80
* HEAVY METALS (FE, CU, PB, AS)	LAB 1-02-11	* 3-MCPD, 2-MCPD, GLICIDIL ÉSTER	PNT 1.33.
* CAPTAN (+CAPTAN DEGRAD.)	PNT 1.13	* 3-MCPD, 2-MCPD, GLICIDIL ÉSTER	DGF C-VI 18 (10)
* METAMIDOFOS	PNT 1.13		
ERUCIC ACID (INHERENT VEGETABLE TOXINS)	PNT 1.14	* AFLATOXINS	LAB 1-01-45
PHTHALATES AND OTHER PLASTICIZERS	PNT 1.63	* DIOXINS AND DIOXIN-LIKE PCBs	EPA1613B+RUE125 9+RUE PCB
* HALOGENATED SOLVENTS	PNT 1.22	* POLYCHLORINATED BIPHENYLS (NON-SIMILAR PCBS)	PNT 1.64
* HEXANE RESIDUE	PNT 1.59	* QUATS	LAB 1-01-139
* SOLVENT RESIDUE	PNT 1.78	* DITHIOCARBAMATES	LAB 1-01-103
* BTEX (BENZENE, TOLUENE, ETHYL BENZENE AND XYLENE)	PNT 1.78	* GLYPHOSATE, GLUFOSINATE AMMONIUM AND AMPA	LAB 1-01-12
* PHOSPHORUS	ISO 10540-1	* CHLORATE AND PERCHLORATE	LAB 1-01-92.
* MOSH/MOAH	PV-SA-132	* MELAMINE/CYROMAZINE	LAB 1-01-142
* MINERAL ALIPHATIC HYDROCARBONS	PNT 1.28	* LISTERIA MONOCYTOGENES	LAB 2-03-31.
* BISPHENOL A	PNT.1.82	* MICROBIOLOGICAL ANALYSIS (COMPLETE)	LAB 2-03-02/10/12/13
* ETHYLENE OXIDE	PV-SA-399 (GC-MS/MS)	* MICROBIOLOGICAL ANALYSIS (BASIC)	Surface planting

Note: For the Pomace Oil matrix, the determination of PAHs is outside the scope of accreditation.

**OTHERS**

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
* ANISIDINE VALUE	PNT 1.85	* SMOKE POINT	DGF C-IV 9-(02).
* POLAR COMPOUNDS	PNT 1.57	* FLASH POINT Pensky-Martens	ISO 15267
* SOAP TEST	PNT 1.87	* MELTING POINT	PNT 1.90
* SOAP CONTENT	PNT 1.87	* NUTRITIONAL ANALYSIS	CALCULATION
* MONO-, DI- AND TRIGLYCERIDES	PNT 1.79		

**OTHERS**

\* CLOUDY (USEFUL FAT) CALCULATION

**\* Other determinations**

**Recommendations**

**Minimum quantities:**

Physical-chemical, Panel Test, pesticides and other contaminants, minimum 1000 ml  
Physical-chemical, pesticides and other contaminants, minimum 500ml  
Physical-chemical and Panel Test, minimum 500 ml  
Nutritional Table, minimum 200 ml  
Organoleptic evaluation, Panel Test minimum 400 ml  
For isolated determinations, the amount that allows the performance of the test and its repetition,

The client is warned of the influence of the Temperature and the time from the collection for the determinations of IP, Ks, Organoleptic Assessment and Ethyl Esters.

Recommended containers: Glass or clean plastic jars.  
Phthalates only glass. preserve from light

Contact us Telephones: 953 281116-281250, or via email [mlcuenca@laboratoriotello.com](mailto:mlcuenca@laboratoriotello.com)

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Check our website: [www.laboratoriotello.com](http://www.laboratoriotello.com)

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