

The test marked (\*) is not covered by ENAC accreditation. The activities marked (#) are not covered by ENAC accreditation.

PC01-PD01-F1 (ANEXO 2) Revisión 15

**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.

**VEGETABLE OILS**

**ANALYTICAL PACK**

Reglamento RD 308/1983

**#SPECIFIC SPECIFICATIONS OF THE SAMPLE**

Sunflower oil   
Soy oil   
Rapeseed oil   
Palm oil

Sesame oil   
Grapeseed oil   
Avocado oil   
Others (indicate)

Analyze shape

Individual

Proportional Set

#COMPLIANCE WITH STANDARD SPECIFICATIONS

**QUALITY**

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
ACIDITY DEGREE (1)	PNT 1.08	HUMIDITY AND VOLATILE MATTER	PNT 1.11
PEROXIDE INDEX (IP) (2)	PNT 1.09	INSOLUBLE IMPURITIES	PNT 1.12
SPECTROPHOTOMETRIC TEST (K270, K232 Y ΔK)	PNT 1.10	* ORGANOLEPTIC CHARACTERISTICS	
LOVIBOND COLOUR INDEX ( 1" O 5-1/4 PNT 1.75 ( INDICATE ""))		APPEARANCE, SMELL AND TASTE	PNT 1.74
CIE Lab COLOUR	PNT 1.98	* SOAP TEST	PNT 1.87
* HUMIDITY BY KARL FISHER	KARL Fisher	* SOAP CONTENT	PNT 1.87
* COLD TEST	PNT 1.83	* ANISIDINE VALUE	PNT 1.85

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

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

**PURITY**

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
COMPOSITION OF FATTY ACIDS (CIS-TRANS STEROLS AND TOTAL STEROLS	PNT 1.14	REFRACTIVE INDEX (20°C a 60°C)	PNT 1.71 (INDICATE T <sup>a</sup> )
COMPOSITION ERYTHRODIOL + * VEGETABLE WAXES	PNT 1.29	IODINE INDEX	PNT 1.72
STIGMASTADIENE	PNT 1.20	SAPONIFICATION INDEX	PNT 1.73
ECN42 DIFFERENCE	PNT 1.16	* RELATIVE DENSITY	PNT 1.55 (INDICATE T <sup>a</sup> )
* NON-GLYCERIDIC ESTERS	PNT 1.19	* HALPHEN'S REACTION	PNT 1.92
*BELLIER INDEX	UNE 55085	* CONTENT IN UNSAPIFIABLE	PNT 1.67
	PNT 1.91	* SATURATED FATTY ACIDS IN POSITION 2 OF TRIGLYCERIDES	PNT 1.15

**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	* DIOXINS AND DIOXIN-LIKE PCBs	EPA1613B+RUE1259+ RUE PCB DL+DIOX
* 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	* POLYCHLORINATED BIPHENYLS (NON-SIMILAR PCBs)	PNT 1.64
*METAMIDOFOS			

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**POLLUTANTS**

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
ERUCIC ACID (INHERENT VEGETABLE TOXII	PNT 1.14	* AFLATOXINS	LAB 1-01-45
PHTHALATES AND OTHER PLASTICIZERS	PNT 1.63	* CUPRIC CHLOROPHYLLIN	PNT 1.80
* HALOGENATED SOLVENTS	PNT 1.22	* QUATS	LAB 1-01-139
* HEXANE RESIDUE	PNT 1.59	* DITHIOCARBAMATES	LAB 1-01-103
* SOLVENT RESIDUE	PNT 1.78	* CHLORATE AND PERCHLORATE	LAB 1-01-92.
* BTEX (BENCENO, TOLUENO, ETIL BENCENO Y XILENO)	PNT 1.78	* GLYPHOSATE, GLUFOSINATE AMMONIUM AND AMPA	LAB 1-01-12
PHOSPHORUS	ISO 10540-1	* MELAMINE/CYROMAZINE	LAB 1-01-142
* MOSH/MOAH	PNT 1.40	* LISTERIA MONOCYTOGENES	LAB 2-03-31.
* MINERAL ALIPHATIC HYDROCARBONS	PNT 1.28	* MICROBIOLOGICAL ANALYSIS (COMPLETE)	LAB 2-03-02/10/12/13
* BISPHENOL A	PNT.1.82	* MICROBIOLOGICAL ANALYSIS (BASIC)	Surface planting
* ETHYLENE OXIDE	PV-SA-399 (GC-MS/MS)	* MOSH/MOAH (Dakk or Esyd accreditation)	PV-SA-132

*Nota: La acreditación para determinación de PAHs aplica sólo a Aceites Vegetales Comestibles*

**OTHERS**

PARAMETER	PROCEDURE	PARAMETER	PROCEDURE
TOCOPHEROLS ANALYSIS	PNT 1.18	RANCIMAT (OXIDATIVE STABILITY) (120°C, 110°C o 100°C)	PNT 1.84 <b>(INDICATE T<sup>a</sup>)</b>
* TOTAL BIOPHENOLS (IOC METHOD I)	PNT 1.76	* SQUALENE	PNT 1.70
* PYROPHEOPHYTIN	PNT 1.77	* 1-2 DIACYLGLYCEROLS	PNT 1.79
* CAROTENE CONTENT	ISO 17932	* CHLOROPHYLL CONTENT	AAOCS Cc 13i-96
* CHLOROPHYLL CONTENT IN CRUDE OILS	AAOCS Cc 13K-13 2017	* HYDROXY PENTACYCLIC TRITERPENIC ACIDS (HPTA)	PNT 1.89.
* POLIFENOLES TOTALES (FOLIN-CIOCALTEU)	PNT 1.56	* ANTIOXIDANTS	PNT 1.88
* MONO-, DI- AND TRIGLYCERIDES	PNT 1.79	* OXIDIZED ACIDS	PNT 1.60
* ASH CONTENT	ISO 6884	* SMOKE POINT	DGF C-IV 9-(02).
* POLAR COMPOUNDS	PNT 1.57	* FLASH POINT Pensky-Martens	ISO 15267
* NUTRITIONAL ANALYSIS	CALCULATION	* MELTING POINT	PNT 1.90

**\* Other determinations**

**Recommendations**

**Minimum quantities:**

Physical-chemical minimum 100 ml  
Physical-chemical, pesticides and other contaminants, minimum 500 ml  
Nutritional Table, minimum 200 ml  
For isolated determinations, the one that allows the test to be carried out and its repetition

The shipment of samples: Industrial Estate "Los Olivares". C/ La Iruela, 8. 23009 JAEN SPAIN

The client is warned of the influence of the Temperature and the time from the collection for the determinations of IP and Ks.

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

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

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Signature and/or seal of the applicant:

Reception Manager: