

CERTIFICATE OF ANALYSIS

**46300 UTIEL
VALENCIA**

Certificate of Analysis (1): 60810093758 / M1/I

Laboratory reference: 1/36.553

Date of receipt: 05/08/2026

Final date of Analysis: 10/08/2026

Issue date: 10/08/2026

Sample for Testing: Olive Oils

Packing: BOTE PET 100ml

Quantity: 100ml

DATA PROVIDED BY CLIENT (2)

#Sample reference: ACEITE DE OLIVA VIRGEN EXTRA. LOTE: 0830041/48

ANALYSIS RESULTS

DETERMINATION	RESULT	UNIT	LÍMIT	PROCEDURE
Acidity				
Acidity	0.24	% (ac.oleic.)	≤ 0.8 (Nota 1)	PNT 1.08
Peroxide index				
Peroxide index	3.5	meq O2/kg	≤ 20 (Nota 1)	PNT 1.09
Spectrophotometric analysis				
K 270	0.13	-	≤ 0.22 (Nota 1)	PNT 1.10
K 232	1.64	-	≤ 2.50 (Nota 1)	PNT 1.10
ΔK	<0.01	-	≤ 0.01 (Nota 1)	PNT 1.10
Ethyl Ester				
Ethyl ester	22	mg/kg	Max 35 (Nota 1)	PNT 1.20
Content of waxes				
C40 + C42 + C44 + C46	41	mg/kg	No aplica (Nota 1)	PNT 1.20
C42 + C44 + C46	25	mg/kg	≤ 150 (Nota 1)	PNT 1.20
Total sterols and composition				
Total sterols	1543	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

CERTIFICATE OF ANALYSIS

46300 UTIEL
VALENCIA

Certificate of Analysis (1): 60810093758 / M1/I

Laboratory reference: 1/36.553

Date of receipt: 05/08/2026

Final date of Analysis: 10/08/2026

Issue date: 10/08/2026

Sample for Testing: Olive Oils

ANALYSIS RESULTS

DETERMINATION	RESULT	UNIT	LÍMIT	PROCEDURE
Campesterol	2.7	%	≤ 4.0 (Nota 1)	PNT 1.29
Stigmasterol	0.6	%	< Camp (Nota 1)	PNT 1.29
β-sitosterol (apparent)	95.6	%	≥ 93.0 (Nota 1)	PNT 1.29
Δ-7-Stigmasterol	0.2	%	≤ 0.5 (Nota 1)	PNT 1.29
Erythrodiol and Uvaol				
Erythrodiol and uvaol	1.8	%	≤ 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)	<0.01	%	≤ 0.03 (Nota 1)	PNT 1.14
Palmitic (C16:0)	8.77	%	7.00 -20.00 (Nota 1)	PNT 1.14
Palmitoleic (C16:1)	0.61	%	0.30 -3.50 (Nota 1)	PNT 1.14
Margaric (C17:0)	0.17	%	≤ 0.40 (Nota 1)	PNT 1.14
Margaroleic (C17:1)	0.25	%	≤ 0.60 (Nota 1)	PNT 1.14
Stearic (C18:0)	3.38	%	0.50 -5.00 (Nota 1)	PNT 1.14
Oleic (C18:1)	78.38	%	55.00 -85.00 (Nota 1)	PNT 1.14
Linoleic (C18:2)	6.78	%	2.50 -21.00 (Nota 1)	PNT 1.14
Linolenic (C18:3)	0.76	%	≤ 1.00 (Nota 1)	PNT 1.14
Arachidic (C20:0)	0.43	%	≤ 0.60 (Nota 1)	PNT 1.14
Eicosenoic (C20:1)	0.31	%	≤ 0.50 (Nota 1)	PNT 1.14
Behenic (C22:0)	0.11	%	≤ 0.20 (Nota 1)	PNT 1.14
Erucic (C22:1)	<0.10	%	No aplica	PNT 1.14

CERTIFICATE OF ANALYSIS

46300 UTIEL
VALENCIA

Certificate of Analysis (1): 60810093758 / M1/I

Laboratory reference: 1/36.553

Date of receipt: 05/08/2026

Final date of Analysis: 10/08/2026

Issue date: 10/08/2026

Sample for Testing: Olive Oils

ANALYSIS RESULTS

DETERMINATION	RESULT	UNIT	LÍMIT	PROCEDURE
Lignoceric (C24:0)	0.05	%	≤ 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
Dif ECN42 (HPLC) and ECN42 theoretical				
Difference ECN42	<0.05		≤ 0.2 (Nota 1)	PNT 1.19
*Total Polyphenols				
* Polyphenols (Cafeic)	397	mg Ac.cafeico/kg		PNT 1.56 (Folin -Ciocalteu)
# The values of indicated limits are for the category: Extra Virgin Olive Oil				

Comments:

Note 1: Limits indicated in Implementing Regulation (EU) 2022/2104 and subsequent modifications.

CERTIFICATE OF ANALYSIS

46300 UTIEL
VALENCIA

Certificate of Analysis (1): 60810093758 / M1/I

Laboratory reference: 1/36.553

Date of receipt: 05/08/2026

Final date of Analysis: 10/08/2026

Issue date: 10/08/2026

Sample for Testing: Olive Oils

ANALYSIS RESULTS

DETERMINATION	RESULT	UNIT	LÍMIT	PROCEDURE
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
Jefe de Laboratorio

Fdo: Mª 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.

Laboratory Authorized by the Ministry of Agriculture and Fisheries No. A'052-AU. Partial reproduction of this report is expressly prohibited without the corresponding authorization of the Laboratory. These results refer only to the sample received and analyzed in the Laboratory. The uncertainties of the tests are calculated and available to the clients who request them.

