

PROVISIONAL TEST REPORT 2600250

Monopoli, 09/01/2026

Data acceptance: 07/01/2026

Analysis starting date 07/01/2026

CUSTOMER

AZIENDA AGRICOLA LEONE SABINO
C.da Cefalicchio Masseria Covelli (SP 143 Km 5)
76012 CANOSA DI PUGLIA BT

Sample arrival date 07/01/2026
 Sample description: Extra Virgin Olive Oil - Carolea
 Sampling procedure: By the Customer (~)
 Quantity of sample: 100 ml
 (~): Information provided by the Customer

TEST NAME	RESULT	U	U.M.	LOD	LOQ	R %	METHOD	LIMIT VALUE	LEGE ND	FINISHING DATE OF ANALYSIS	SEAT
FREE FATTY ACIDS	0,11	±0,01	% Oleic Acid				01-C	0,80 ⁽¹⁾		08/01/2026	A
PEROXIDE VALUE	5,1	±0,9	meq O2/kg oil				02-C	20,0 ⁽¹⁾		08/01/2026	A
SPECTROPHOTOMETRIC INVESTIGATION IN THE ULTRAVIOLET (ISOOCTANE)											
K232	1,84	±0,16					10-C	2,50 ⁽¹⁾		08/01/2026	A
K268	0,153	±0,009					10-C	0,22 ⁽¹⁾		08/01/2026	A
Delta K	-0,003	±0,001					10-C	0,01 ⁽¹⁾	11C	08/01/2026	A
DIGLYCERIDES											
1,2-1,3 Diglycerides ratio	11,1						40-C			09/01/2026	A
1,2 Diglycerides	91,7		%		0,1		40-C			09/01/2026	A
1,3 Diglycerides	8,3		%		0,1		40-C			09/01/2026	A
Total Diglycerides	1,5	±0,3	g/100 g		0,1		40-C			09/01/2026	A
FATTY ACIDS METHYL ESTERS											
C14:0 - Myristic acid	0,01	±0,01	%				07-C	0,03 ⁽¹⁾		09/01/2026	A
C16:0 - Palmitic acid	13,39	±1,34	%				07-C	7,00;20,00 ⁽¹⁾		09/01/2026	A
C16:1 - Palmitoleic acid	0,92	±0,13	%				07-C	0,30;3,50 ⁽¹⁾		09/01/2026	A
C17:0 - Heptadecanoic acid	0,05	±0,01	%				07-C	0,40 ⁽¹⁾		09/01/2026	A
C17:1 - Heptadecenoic acid	0,09	±0,02	%				07-C	0,60 ⁽¹⁾		09/01/2026	A
C18:0 - Stearic acid	2,22	±0,18	%				07-C	0,50;5,00 ⁽¹⁾		09/01/2026	A
C18:1 - Oleic acid	72,10	±1,44	%				07-C	55,00;85,00 ⁽¹⁾		09/01/2026	A
C18:2 - Linoleic acid	9,49	±0,38	%				07-C	2,50;21,00 ⁽¹⁾		09/01/2026	A
C20:0 - Arachidic acid	0,42	±0,08	%				07-C	0,60 ⁽¹⁾		09/01/2026	A
C18:3 - Linolenic acid	0,76	±0,08	%				07-C	1,00 ⁽¹⁾		09/01/2026	A
C20:1 - Eicosenoic acid	0,33	±0,07	%				07-C	0,50 ⁽¹⁾		09/01/2026	A
C22:0 - Behenic acid	0,15	±0,05	%				07-C	0,20 ⁽¹⁾		09/01/2026	A
C22:1 - Erucic acid	ND		%				07-C			09/01/2026	A
C24:0 - Lignoceric acid	0,07	±0,06	%				07-C	0,20 ⁽¹⁾		09/01/2026	A
TRANS FATTY ACIDS CONTENT											
C18:1 - (Elaidinic)	0,02	±0,02	%				07-C	0,05 ⁽¹⁾		09/01/2026	A
C18:2 + C18:3	0,01	±0,02	%				07-C	0,05 ⁽¹⁾		09/01/2026	A
BIOPHENOLS											
Total Polyphenols (as tyrosol)	533	±149	mg/kg		30		26-C			09/01/2026	A
Hydroxy-tyrosol (3,4 DHPEA)	3		mg/kg		3		26-C			09/01/2026	A
Tyrosol (p, HPEA)	5		mg/kg		3		26-C			09/01/2026	A
Dialdehydic form of decarboxymethyl oleuropein aglycon (3,4 DHPEH-EDA)	155		mg/kg		3		26-C			09/01/2026	A
Dialdehydic form of decarboxymethyl ligstroside aglycon (p, HPEA-EDA)	89		mg/kg		3		26-C			09/01/2026	A

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Lignans	52		mg/kg		3		26-C			09/01/2026	A
Oleuropein aglycon (3,4 DHPEA-EA)	46		mg/kg		3		26-C			09/01/2026	A
Ligstroside aglycon (p, HPEA-EA)	12		mg/kg		3		26-C			09/01/2026	A

STATEMENT OF CONFORMITY:

The chemical parameters verified have values complying with Annex I of the Commission Delegated Regulation (EU) 2022/2104 of 29/07/2022 for the product category "Extra Virgin Olive Oil".

References for limits

⁽¹⁾ Commission Delegated Regulation (EU) 2022/2104 of 29/07/2022, Annex I and s.m.

Analysis performed at:

A: Via Vecchia Ospedale, 11 - 70043 Monopoli BA

Legend

ND: It indicates that the analyte results as "Not Detected" through the analysis performed with the specified method or "<LOD" where it is indicated

11C = In accordance with the official method, result should be considered as absolute value.

U: Extended uncertainty, expressed in the same units of measurement as the result, calculated by using a coverage factor $K = 2$ (unless otherwise specified) for assuring a confidence level close to 95%; otherwise, for microbiological tests and for airborne asbestos fibers tests, a confidence interval at the 95% probability level. For microbiological tests, a result derived from a count on the sample, on the initial suspension or on the first dilution between 4 and 9 (included) is considered "estimated". Food: for quantitative microbiological tests, the expanded measurement uncertainty is reported, estimated according to ISO 19036 as standard uncertainty multiplied by a coverage factor $k = 2$ and an approximate level of confidence of 95%. The combined standard uncertainty is assumed to be equal to the intra-laboratory reproducibility standard deviation. Water: for quantitative microbiological tests, the confidence interval of the result calculated as indicated in the ISO 8199 standard is reported. LOD: Limit of Detection, defined as the lowest concentration of the analyte in a sample that can be detected, but not quantified, under the specified conditions; expressed in the test report as "ND". LOQ: Limit of Quantitation, the lowest concentration of the analyte in a sample that can be determined, with acceptable precision and accuracy. R%: Average percentage recovery (it is not used to correct the analytical data on pesticides, metals and mycotoxins). En: Revision "n" of the Test Report which identifies the Amendment. The amendment replaces and cancels all previous versions of the Test Report.

Methods:

01-C = COI/T.20/Doc. No 34/Rev. 1 2017
 02-C = COI/T.20/Doc. No 35/Rev.1 2017
 07-C = COI/T.20/Doc. No 33/Rev.1 2017
 10-C = COI/T.20/Doc. No 19/Rev. 5 2019
 26-C = COI/T.20/Doc. n. 29/Rev.2 2022
 40-C = NGD C87:2005

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Laboratory recognised by the
International Olive Council (IOC)
 for the physico-chemical analysis of olive oils
 and olive-pomace oils -
 Type A: advanced testing
 (01/12/2024 - 30/11/2025)

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Page

3 di 3

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Chemist

dr. Chim. Licia Scibetta

Ordine dei Chimici Bari 812A

"Chemiservice" General Manager

dr. Valentina Cardone



ANALYST
MEMBER

FOSFA INTERNATIONAL



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