



00023

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MODENA, li 20/11/2025

Sample arrived on the 14/11/2025

Registration date 14/11/2025

CUSTOMER

Acushla, S.A.**Rua Frei Leão de São Tomás, 468 B****4785-154 Ervosa Trofa PORTOGALLO****TEST REPORT nr. 25S12635-In-0****Sample 25S12635****Olive oil**

Description provided by Customer: Amostra 2

Extranet request n° N00006/25 - 27/10/2025 13:21:02. - Sampling by: Customer - Transport by: Courier

Sample Condition on Receipt : Room temperature

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
Total Polyphenols	337,5			mg/kg come Ac. gallico			* POLIFENOL-OLI 2014 Rev.0 - UV-VIS	04/11/2025 / 06/11/2025
FATTY ACIDS COMPOSITION BY CAPILLARY GC								
Butyric Acid (C4:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Caproic Acid (C6:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Enanthic Acid (C7:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Caprylic Acid (C8:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Capric Acid (C10:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Decenoic Acid (C10:1)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Lauric Acid (C12:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Dodecenoic Acid (C12:1)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Tridecanoic Acid (C13:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
12-methyl tridecanoic Acid (C14:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Myristic Acid (C14:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
13-methyl tetradecanoic Acid (C15:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
12-methyl tetradecanoic Acid (C15:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Myristoleic Acid (C14:1)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Pentadecanoic Acid (C15:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
14-methyl pentadecanoic Acid (C16:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
10-pentadecenoic acid (C15:1)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Palmitic Acid (C16:0)	12,82	± 0,35		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
15-methyl hexadecanoic Acid (C17:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Palmitoleic acid, including geometrical and positional isomers (C16:1)	0,92	± 0,06		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
14-methyl hexadecanoic Acid (C17:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Heptadecanoic Acid (C17:0)	0,21	± 0,02		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Heptadecenoic Acid (C17:1)	0,29	± 0,03		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Stearic Acid (C18:0)	4,15	± 0,14		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025

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Laboratorio Qualificato D.M. 26-2-87 Art. 4 - Legge 46/82 per la Ricerca Applicata e Innovazione Tecnologica.

Regione Emilia Romagna - AUTORIZZAZIONE Autocontrollo N° 008/MO/008

BNN-Monitoring Fruit and Vegetables Approved Laboratory

GMP+ code: GMP051757

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Acushla, S.A.
Rua Frei Leão de São Tomás, 468 B
4785-154 Ervosa Trofa PORTOGALLO

TEST REPORT nr. 25S12635-In-0**Sample 25S12635****Olive oil**

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
FATTY ACIDS COMPOSITION BY CAPILLARY GC								
Oleic acid, including geometrical and positional isomers (C18:1)	71,42	± 0,69		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Linoleic acid, including geometrical and positional isomers (C18:2)	8,36	± 0,21		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Arachidic Acid (C20:0)	0,48	± 0,04		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
11-Eicosenoic Acid (C20:1)	0,23	± 0,02		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Linolenic acid, including geometrical and positional isomers (C18:3)	0,94	± 0,08		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Eneicosanoic Acid (C21:0)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Stearidonic acid (C18:4)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
11,14 eicosadienoic acid (C20:2)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Behenic Acid (C22:0)	0,11	± 0,01		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Homo-gamma linolenic acid (C20:3)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Erucic Acid (C22:1)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
11,14,17 eicosatrienoic acid (C20:3)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Arachidonic Acid (C20:4)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Docosadienoic acid (C22:2)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Lignoceric Acid (C24:0)	0,06	± 0,02		%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Eicosapentaenoic Acid (EPA) (C20:5)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Nervonic Acid (C24:1)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Docosatetraenoic acid (C22:4)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Docosapentaenoic acid (DPA) (C22:5)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Docosahexaenoic Acid (DHA) (C22:6)	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Other fatty acids	< LQ			%	0,05		07(S46) 2012 Rev.10 - GC-FID	11/11/2025 / 13/11/2025
Analisi oli di oliva secondo Reg. 2022/2105/CEE								
Delta K	0,00						COI/T.20/Doc n 19/ rev 5 2019 - UV-VIS	18/11/2025 / 19/11/2025
K 232	1,82	± 0,15					COI/T.20/Doc n 19/ rev 5 2019 - UV-VIS	18/11/2025 / 19/11/2025
K 270	0,17	± 0,03					COI/T.20/Doc n 19/ rev 5 2019 - UV-VIS	18/11/2025 / 19/11/2025
Peroxide value	4,9	± 0,8		meq active Oxygen/kg	0,2		COI/T.20/Doc n 35/rev 1 2017 - Titrimetrico	18/11/2025 / 19/11/2025

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TEST REPORT nr. 25S12635-In-0

Sample 25S12635
Olive oil

Notes and method reference:

< LQ: = lower than Quantification Limit.

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. The measurement uncertainty data is not synonymous with a certain form of positivity but only with the performance of the method.

MICROBIOLOGICAL TESTS: for food and environmental samples, the extended measurement uncertainty was estimated according to ISO 19036:2019 Standard and is based on a standard uncertainty multiplied by a coverage factor of $K = 2$, providing a confidence level of approximately 95%. The combined standard uncertainty was assumed to be equal to the standard deviation of intra-laboratory reproducibility. Alternatively, the result can be associated with the confidence interval calculated according to ISO 7218:2024. The results of the microbiological tests are calculated according to the ISO 7218: 2024 Standard.

If the results are reported as <4 (CFU/ml) or <40 (CFU/g), this means that the microorganisms are present in the sample but in amounts less than 4 CFU/ml or 40 CFU/g respectively. For microbiological analyses unless differently reported in the individual test methods, in case of analytical steps foreseen in non-activity days of the laboratory, provisions of the ISO 7218:2024 Standard (points 11.2.5 and 12.2) or from specific test methods are applied. In the case of quantitative microbiological tests, these have been set up on a single plate according to ISO 7218:2024 par. 10.2.2 unless otherwise expressly requested by current regulations. In the case of quantitative microbiological tests, these have been set up on a single plate in accordance with ISO 7218:2024 par. 11.2.1 unless otherwise explicitly required by current regulations.

For waters, the measurement uncertainty corresponds to the confidence interval calculated according to ISO 8199: 2018 or to the expanded measurement uncertainty estimated according to ISO 29201: 2012. The results are issued in accordance with ISO 8199: 2018. When the number of colonies detected is <3, the result is expressed as "Microorganisms present in the analyzed volume (N ° colonies detected <3 CFU - reference ISO 8199: 2018, paragraph 9.1.8.4.1)".

LQ: Quantification Limit. It is the lowest analyte concentration which can be detected at an acceptable precision (repeatability) and accuracy, under well defined conditions. It should be noted that each result expressed as '<LQ' does not in any case indicate the absence of the parameter sought in the sample under examination.

LD: Detection Limit. It is the lowest analyte concentration which can be detected but not necessarily quantified, under well defined conditions.

Any fields not filled in the Test Report are to be considered not applicable.

Conformity evaluation: values not complying with laws, decrees, national and EU regulations or specifications supplied by the customer are evaluated case by case, also taking into consideration the uncertainty of measure for each single test and the regulations on rounding-off of values, and pointed out when considered as non conform.

Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (..) after the expression <LQ are purely indicative of traces that cannot be exactly quantified. The test report shows the community MRLs contemplated by Reg 396/2005 and subsequent amendments. The technical staff is available to verify the possibility of use the active substance in Italy on the crop.

In the case of sampling carried out by Neotron, the laboratory applies the Internal Operating Procedure code, current edition: NEOT-DIR/ 006/53.

The laboratory disclaims any responsibility for the information provided by the client reported in this Report which may influence the validity of the results.

With regards to water analyses, if the customer does not provide information regarding the sampling time, Neotron does not assume responsibility for any alterations to the results due to the time between sampling and the execution of the test.

Methods marked with an asterisk (*) are not accredited by ACCREDIA (UNI CEI EN ISO/IEC 17025). The sampling activity is not included within the Scope of Accreditation of Neotron SPA

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), – Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).

DATA and SAMPLE STORAGE: Test Reports, Raw data, chromatographic paths and instrumental reports are stored for 5 years. One control sample is stored for 2 months as from the date of issue of the RdP, with the exception of water and swab samples which will be stored for 1 month from the date of receipt of the sample.

Data expressed in this test report refer only to the sample tested in the laboratory. The results reported in this Test Report refer to the sample as received. The description or any other reference concerning the sample are declared by the customer. This Test Report cannot be reproduced except in full. Partial reproductions must be authorized in writing by our laboratory.

THE LABORATORY DIRECTOR: DR. ANDREA RIZZO
 THE CHEMIST AUTHORIZED TO SIGN THE TEST REPORTS: DR. MARCO MESCHIARI
 (IN HIS ABSENCE, THE AUTHORIZED CHEMIST SIGNS DR. BARBARA MALAGOLI)

NEOTRON SpA - With Sole Shareholder

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 GMP+ code: GMP051757