



00023

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MODENA, li 23/12/2025

Sample arrived on the 05/12/2025

Registration date 09/12/2025

CUSTOMER

Center for Strategic Research and Development of Georgia (CSRDG)
#5 Iovel Jebashvili I exit
0177 Tbilisi GEORGIA

TEST REPORT nr. 25T06591-In-0

Sample 25T06591

Vegetable oils and fats and by products

Description provided by Customer: Sunflower Oil „Mocuze“

Net weight: 910 gr

Producer: LLC Baki Qida va Yag Fabriki, Azerbaijan

Production/expiration date: 15.10.2025 – 15.04.2027 Batch code: YG17615 - type of packaging: factory packaging, sealed.

Extranet request n° N00020/25 - 02/12/2025 08:43:54. - 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
Chlorpyrifos	< LQ		96	mg/kg	0,010		01(S144) 2022 Rev.16 - GC-MS DES	10/12/2025 / 19/12/2025
3-MCPD-Sum and Glycidyl esters (Glycidol) in oil								
3-MCPD (3-Chloropropane-1,2-diol)	< LQ			µg/kg	10		04(S194) 2024 Rev.1 - GC-MS-MS	10/12/2025 / 19/12/2025
3-MCPD-esters, expressed as 3-MCPD	120	± 31	102	µg/kg	100		04(S195) 2018 Rev.1 - GC-MS-MS	10/12/2025 / 22/12/2025
Sum of 3-monochloropropanediol (3-MCPD) and 3-MCPD fatty acid esters, expressed as 3-MCPD [414]	120	± 31		µg/kg			04(S194) 2024 Rev.1 + 04 (S195) 2018 Rev.1 - GC-MS-MS	/ 22/12/2025
- Limite (Reg. CE 915/2023 e s.m.i.); 1250								
Glycidyl-esters, expressed as Glycidol	300	± 132	102	µg/kg	100		04(S195) 2018 Rev.1 - GC-MS-MS	10/12/2025 / 22/12/2025
- Limite (Reg. CE 915/2023 e s.m.i.); 1000								

The original document is a PDF file with Digital Signature: 25T06591-In-0-AllegatiFoto-DigitalSignature.pdf

Results compliance evaluation::

Regarding the analytical results the sample complies with the European regulations in force (Reg. 915/2023/EC as amended).

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TEST REPORT nr. 25T06591-In-0**Sample 25T06591****Vegetable oils and fats and by products**

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 Neutron, 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, Neutron does not assume responsibility for any alterations to the results due to the time between sampling and the execution of the test.

NOTES OF PARAMETERS

[414]: The sum is calculated through the lower bound criterion. Lower bound concentrations are calculated on the assumption that all the values of the substances below the limit of quantification are zero.

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. MARCELLO BERGAMINI
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

Stradello Aggazzotti, 104
41126 MODENA - ITALY - Fiscal Code and VAT n° 03807840362
Tel: +39 059461711 - Fax: +39 059461777
www.neutron.it - neutron@neutron.it

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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