FINAL REPORT: SV24-01926

DATE: 14/08/2024

SAMPLE DATA		CLIENT DATA
Order Nº:	957-1046	**VIDORIA, S.L.**
Client ID:	LOT 220	**CL**
Laboratory ID:	SV24-01926.001	**CRTA REUS CAMBRILS KM4,5**
Product: (1)	Extra Virgin Olive Oil	**43206 REUS**
Description:	2*OIL INTO A 750ML GLASS BOTTLE	**SPAIN**
Received:	09/08/2024	**Atn:**
Sampled by :	SGS	

RESULTS

ANALYSIS	RESULT.	UNIT	TEST METHOD
Free Fatty Acid (oleic acid) (cold solvent method using indicator)	0,26	%(m/m)	COI T.20/Doc. No. 34/ 2017
Peroxide value	6,9	meqO2/kg	COI/ T.20/Doc. No.35/ Rev.1
Moisture and Volatile Matter	0,09	%(m/m)	ISO 662:2016 Método B
Wax content			COI T.20/ Doc. no. 28/ 2024
Wax content (C42 to C46)	<40	mg/kg	
Ultraviolet absorbance			COI T.20/ Doc. No.19/ 2019
K232	1,93	---	
K270	0,11	---	
Inc. K	0,00	---	
Fatty acids composition			COI/ T.20/Doc. No. 33 Rev. 1
Lauric acid (C12:0) (*)	<0,01	%	
Myristic acid (C14:0)	0,01	%	
Palmitic acid (C16:0)	8,99	%	
Palmitoleic acid (C16:1)	0,74	%	
Margaric acid (C17:0)	0,16	%	
Margaroleic acid (C17:1)	0,25	%	
Stearic acid (C18:0)	3,53	%	
T-Oleic acid (C18:1)	0,01	%	
Oleic acid (C18:1)	75,69	%	
Linoleic acid (C18:2)	8,81	%	
Linolenic acid (C18:3)	0,85	%	
Sum trans-linoleic +Trans Linolenic isomers (trans C18:2 + trans C18:3)	<0,02	%	
Sum trans-oleic + trans-linoleic +Trans Linolenic isomers (trans C18:1 + trans C18:2 + trans C18:3)	<0,03	%	
Arachidic acid (C20:0)	0,44	%	
Gadoleic acid (C20:1)	0,32	%	
Behenic acid (C22:0)	0,12	%	
Erucic acid (C22:1) (*)	<0,01	%	
Lignoceric acid (C24:0)	0,06	%	
Iodine value (Titration) (*)	88	g/100g	ISO 3961:2018

(1) The product and label information have been provided by the customer, the laboratory is not responsible for such information.
Laboratory has estimated uncertainties for each accredited parameter at client disposal.
These results refer exclusively to the samples analyzed. The results shown in the report refer only to the sample (s) unless otherwise stated. This document cannot be reproduced without the written consent of the Laboratory Management. It is not a quality certificate. The laboratory will keep the samples for 90 days.
This Document is issued by the Company subject to its General Conditions of Service (copy available on request).
This document will not considered original if it is not signed and stamped. Attention is drawn to the limitations of liability indemnification and jurisdictional issues defines therein . (0000064557).

FINAL REPORT: SV24-01926

DATE: 14/08/2024

RESULTS

ANALYSIS	RESULT.	UNIT	TEST METHOD
Metals			PE-S-957-LABE-28 (ICP/MS)
Total Arsenic (As)	<0,020	mg/kg	
Mercury (Hg) (*)	<0,020	mg/kg	
Lead (Pb)	<0,020	mg/kg	
Tin(Sn) (*)	<0,20	mg/kg	
Mycotoxins			PE-S-957-LABE-17 (LC/Ms-Ms)
Aflatoxins B1	<1,0	µg/kg	
Aflatoxins B2	<1,0	µg/kg	
Aflatoxins G1	<1,0	µg/kg	
Aflatoxins G2	<1,0	µg/kg	
Aflatoxins (B&G)	<4,0	µg/kg	
Polyciclic Aromatic Hydrocarbon			PE-S-957-LABE-23 (GC-MS/MS)
Benzo (a) Pyrene (*)	<0,90	µg/kg	
Benzo (a) Anthracene (*)	<0,90	µg/kg	
Benzo (b) Fluorantene (*)	<0,90	µg/kg	
Chrysene (*)	<0,90	µg/kg	
benzo(a)pyrene+ benzo(a)anthracene+ benzo(b)fluoranthene+ chrysene (*)	<3,60	µg/kg	
Content of polar compounds (*)	3,0	%	UNE-EN ISO 8420:2002

Analysed: between 12/08/2024 and 14/08/2024

(1) The product and label information have been provided by the customer, the laboratory is not responsible for such information.
Laboratory has estimated uncertainties for each accredited parameter at client disposal.
These results refer exclusively to the samples analyzed. The results shown in the report refer only to the sample (s) unless otherwise stated. This document cannot be reproduced without the written consent of the Laboratory Management. It is not a quality certificate. The laboratory will keep the samples for 90 days.
This Document is issued by the Company subject to its General Conditions of Service (copy available on request).
This document will not considered original if it is not signed and stamped. Attention is drawn to the limitations of liability indemnification and jurisdictional issues defines therein. (0000064557).

FINAL REPORT:
SV24-01926

DATE: 14/08/2024

Photography description: (1)

Signed for and on Behalf of SGS Española de Control S.A :

Macarena González Catalán
Technical Director

(1) The product and label information have been provided by the customer, the laboratory is not responsible for such information.
Laboratory has estimated uncertainties for each accredited parameter at client disposal.
These results refer exclusively to the samples analyzed. The results shown in the report refer only to the sample (s) unless otherwise stated. This document cannot be reproduced without the written consent of the Laboratory Management. It is not a quality certificate. The laboratory will keep the samples for 90 days.
This Document is issued by the Company subject to its General Conditions of Service (copy available on request).
This document will not considered original if it is not signed and stamped. Attention is drawn to the limitations of liability indemnification and jurisdictional issues defines therein . (0000064557).

TEST REPORT

No. VAR24-0011123-0003 A / 23.08.2024

Laboratory of SGS Bulgaria Ltd.

Accredited by EA BAS in compliance with BDS EN ISO/IEC 17025:2018,
Accreditation certificate:BAS reg. No 86 ЛИ, Dated: 30.01.2023, Valid until: 29.01.2025.
EA BAS is a signatory to the EA MLA and ILAC MRA.
The scope of accreditation is published on the official web site of SGS Bulgaria Ltd www.sgs.bg

Analyses ordered by:	**F050101 SGS ESPANOLA DE CONTROL, S.A.** CL Trespaderne, 29 Madrid, Madrid 28042 SPAIN	**Date of sample receipt:**	13.08.2024
		Date of analysis:	13.08.2024 - 23.08.2024

Type of sample:	Fats, oils and derivatives. Olive oil
Sample description:	200 mL
The sample is identified by the client as:	SV24-01926 CHEF OIL EXTRA VIRGIN OLIVE OIL LOT 220 – TAR.1.1 & 1.2 06/08/2026 ORDER NUMBER 1084110

The sample is formed by the client.

Package:	Glass	**Seal:**	No seal
Package quality:	Unimpaired	**Representative for:**	-
Sampling report:	-	**Sample temperature:**	-
Sample weight:	-		

The sample is destroyed during analysis.

Chemical tests

Parameter	Unit	Test Result, Uncertainty	Method of Analyses	Test Conditions
Polychlorinated dibenzodioxins and dibenzofurans			**EPA 1613:1994**	**GC/HRMS**
Results are presented in ANNEX DIOXINS AND DIOXIN-LIKE COMPOUNDS.				
Polychlorinated biphenyls			**EPA 1668B:2008**	**GC/HRMS**
Results are presented in ANNEX DIOXINS AND DIOXIN-LIKE COMPOUNDS.				
Non-dioxin-like PCBs			**EPA 1668B:2008**	**GC/HRMS**
PCB 28	ng/g fat	< 0.10		-
PCB 52	ng/g fat	< 0.10		-
PCB 101	ng/g fat	< 0.10		-
PCB 138	ng/g fat	< 0.10		-
PCB 153	ng/g fat	< 0.10		-
PCB 180	ng/g fat	< 0.10		-

< Limit of quantification (LOQ)
* Limit of detection (LOD)
Sum of analytes are reported as lower-bound values, unless stated different.
The reported uncertainties are expanded by a coverage factor of k =2 to a level of confidence of approximately 95 %.

Laboratory of SGS Bulgaria Ltd. | Bulgarian Ship Hydrodynamics Centre; 1 William Froude Str.; 9003 Varna; Bulgaria | t:+359 (52) 35 80 90; f:+359 (52) 370 979 E-mail: VarnaLaboratory@sgs.com

Comment on the results with reference to Commission Regulation (EU) 2023/915

Parameter	Result, Uncertainty	Unit	Maximum level
Sum of dioxins (WHO-PCDD/F-TEQ) - upper-bound	0.19 ± 0.05	pg/g fat	0.75
Sum of dioxins and dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ) - upper-bound	0.23 ± 0.06	pg/g fat	1.25
Sum of non-dioxin-like PCBs (ICES-6) - upper-bound	0.60 ± 0.12	ng/g fat	40

The actual PCDD/F and PCDD/F/PCB content is lower than or equal to the corresponding upper-bound value.

Additional information is available in Annex Dioxins and Dioxin-like compounds.

Original 1

Notes:
1. This document is issued by the Company under its General Conditions of Service accessible at https://www.sgs.com/en/terms-and-conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Laboratory's findings made at the time of testing only and within the limits of Client's instructions. SGS sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
Warning: If hereinabove in this document it is stated that the sample to which the findings recorded herein, relate was drawn and/or provided by the Client or by a third party acting at the Client's direction then the reported findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample. SGS accepts no liability with regard to the origin or source from which the sample is said to be extracted.
2. The test report shall not be reproduced except in full without written approval of the laboratory.
3. The tests are performed in the permanent premises of the laboratory in Varna.

Results validated by
Anna Tsaneva - Technical manager

VALIDATED, 23.08.2024

Administrative signature of
Veselka Pashova, Laboratory manager

This electronically generated test report has been checked and approved. It is also valid without handwritten signatures.

---------- End of Report ----------

Doc Number : VAR2400013438

Parameter	Unit	Test Result, Uncertainty	WHO-TEF	WHO-TEF pg/g fat Lowerbound	WHO-TEF pg/g fat Middlebound	WHO-TEF pg/g fat Upperbound
2,3,7,8-TCDF	pg/g fat	< 0.03	0.1	0.0000	0.0015	0.0030
2,3,7,8-TCDD	pg/g fat	< 0.05	1	0.0000	0.0245	0.0491
1,2,3,7,8-PeCDF	pg/g fat	< 0.03	0.03	0.0000	0.0005	0.0009
2,3,4,7,8-PeCDF	pg/g fat	< 0.03	0.3	0.0000	0.0043	0.0085
1,2,3,7,8-PeCDD	pg/g fat	< 0.05	1	0.0000	0.0228	0.0456
1,2,3,4,7,8-HxCDF	pg/g fat	< 0.04	1.2	0.0000	0.0216	0.0432
1,2,3,6,7,8-HxCDF	pg/g fat	< 0.04	0.1	0.0000	0.0018	0.0036
2,3,4,6,7,8-HxCDF	pg/g fat	< 0.04	0.1	0.0000	0.0019	0.0038
1,2,3,7,8,9-HxCDF	pg/g fat	< 0.05	0.1	0.0000	0.0026	0.0053
1,2,3,4,7,8-HxCDD	pg/g fat	< 0.09	0.1	0.0000	0.0044	0.0088
1,2,3,6,7,8-HxCDD	pg/g fat	< 0.09	0.1	0.0000	0.0044	0.0088
1,2,3,7,8,9-HxCDD	pg/g fat	< 0.09	0.1	0.0000	0.0046	0.0092
1,2,3,4,6,7,8-HpCDF	pg/g fat	< 0.07	0.01	0.0000	0.0004	0.0007
1,2,3,4,7,8,9-HpCDF	pg/g fat	< 0.09	0.01	0.0000	0.0005	0.0009
1,2,3,4,6,7,8-HpCDD	pg/g fat	< 0.07	0.01	0.0000	0.0003	0.0007
OCDF	pg/g fat	< 0.14	0.0003	0.0000	0.0000	0.0000
OCDD	pg/g fat	< 0.09	0.0003	0.0000	0.0000	0.0000
Sum of dioxins (WHO-PCDD/F-TEQ)	pg/g fat			0.000	0.096	0.192
Mono-ortho PCBs						
PCB 123	pg/g fat	< 0.29	0.00003	0.000000	0.000004	0.000009
PCB 118	pg/g fat	3.39 ± 0.85	0.00003	0.000102	0.000102	0.000102
PCB 114	pg/g fat	< 0.32	0.00003	0.000000	0.000005	0.000010
PCB 105	pg/g fat	< 0.34	0.00003	0.000000	0.000005	0.000010
PCB 167	pg/g fat	< 0.29	0.00003	0.000000	0.000004	0.000009
PCB 156	pg/g fat	< 0.22	0.00003	0.000000	0.000003	0.000007
PCB 157	pg/g fat	< 0.23	0.00003	0.000000	0.000004	0.000007
PCB 189	pg/g fat	< 0.39	0.00003	0.000000	0.000006	0.000012
Non-ortho PCBs						
PCB 81	pg/g fat	< 0.28	0.00003	0.000000	0.000004	0.000008
PCB 77	pg/g fat	< 0.30	0.0001	0.000000	0.000015	0.000030
PCB 126	pg/g fat	< 0.34	0.1	0.000000	0.017093	0.034186
PCB 169	pg/g fat	< 0.21	0.03	0.000000	0.003214	0.006428
Sum of dioxin-like PCBs (WHO-PCBs - TEQ)	pg/g fat			0.000	0.020	0.041
Sum of dioxins and dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ)	pg/g fat			0.000	0.116	0.233

Laboratory of SGS Bulgaria Ltd. | Bulgarian Ship Hydrodynamics Centre; 1 William Froude Str.; 9003 Varna; Bulgaria | t:+359 (52) 35 80 90; f:+359 (52) 370 979 E-mail: VarnaLaboratory@sgs.com