

**ANALYTICAL REPORT Nº: 3764.00/23/LET**

The results refer exclusively to the sample tested under the conditions in which it was received

Information provided by the customer and of its responsibility	<b>Customer: RISCA GRANDE, LDA.</b>		<b>Tel: 284 544 654</b>
	<b>Address: MONTE NOVO DE FONTE CORCHO, APARTADO 89, 7830-909 SERPA</b>		
	<b>Sample type: Extra Virgin Olive Oil</b>	<b>Sampling is the customer's responsibility</b> (The sampling is not included in the scope of accreditation)	
	<b>Sample's reference: Lote: C171023002 - Azeite V.E.DEMETER/BIOSUISSE ORGANIC 23/24</b>		
	<b>Other information:</b>		
<b>Sample status: Suitable</b>		<b>Full bottle?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Sample reception date: 13/11/2023 – 15:45</b>		<b>Analysis starting date: 14/11/2023</b>	<b>Analysis end date: 20/11/2023</b>

Analysis	Method	Limits	Results	Date	Conformity	
<b>Determination of Free Fatty Acids, Cold method</b> (% Oleic acid)	Commission Regulation (EU) 2022/2105 – Annex I COI/T.20/Doc. No 34 / Rev.1/2017	$\leq 0,80$ <sup>1)</sup>	<b>0,18 ± 0,02</b>	<b>17/11/2023</b>	<b>Compliance</b>	
<b>Determination of the Peroxide Value</b> (meq O <sub>2</sub> /Kg)	Commission Regulation (EU) 2022/2105 – Annex I COI/T.20/Doc. No 35 / Rev. 1/2017	$\leq 20,0$ <sup>1)</sup>	<b>9,9 ± 2,3</b>	<b>17/11/2023</b>	<b>Compliance</b>	
<b>Determination of the content of Waxes and Fatty Acid Ethyl Esters (FAEE)</b> (mg/kg)	Commission Regulation (EU) 2022/2105 – Annex I COI/T.20/Doc. No 28 / Rev. 3/2022	$C_{42}+C_{44}+C_{46} \leq 150$ <sup>1)</sup>	<b>31 ± 8</b>	<b>20/11/2023</b>	<b>Compliance</b>	
		FAEE $\leq 35$ <sup>1)</sup>	<b>&lt;2,0 (LD)</b>			
<b>Organoleptic Characteristics *</b>	Commission Regulation (EU) 2022/2105 – Annex I COI/T.20/Doc. No 15 / Rev.10/2018	Median Fruity (Mf) and Median Defect (Md)	Mf > 0,0 and Md = 0,0 <sup>1)</sup>	<b>14/11/2023</b>	<b>Compliance</b>	
		Median Fruity (Mf)	Mf > 0,0 <sup>1)</sup>			<b>Extra Virgin</b>
		Median Bitter	–			<b>5,2 (Green)</b>
		Median Pungent	–			<b>3,5</b>
		Median Defect (Md)	Md = 0,0 <sup>1)</sup>			<b>2,8</b>
		Defect	–			<b>0,0</b>

\* Analysis not included in the scope of accreditation of the *Laboratório de Estudos Técnicos*;

\*\* Testing service provided by an Accredited laboratory;

\*\*\* Testing service provided by a Non-Accredited laboratory;

LOQ – Limit of Quantification;

1) Commission Delegated Regulation (UE) 2022/2104 from 22 of July 2022;

2) NP 972:1989;

3) Regulation (UE) 2023/915 from the Commission of 25<sup>th</sup> April 2023;

4) Decree nº1135/95 from 15<sup>th</sup> of September 1995;

5) *Codex Stan* 33-1981;

6) Decree nº 1198/1991 from 18<sup>th</sup> December 1991;

7) Diário da República 1ª série – Nº 191 - Decree nº 103 from 4<sup>th</sup> of October 2011

The reported uncertainty is an expanded uncertainty calculated using a coverage factor K = 2, which gives a level of confidence of approximately 95%.

The tests were carried out in the laboratory permanent facilities.

The reissue of test reports MUST be limited to the correction of errors and the inclusion of missing data available at the time of the test.

This test report shall not be reproduced, except in full, without a written authorization from the laboratory.

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Analysis		Method	Limits	Results	Date	Conformity
Spectrophotometric Investigation in the Ultraviolet	K232	Commission Regulation (EU) 2022/2105 – Annex I COI/T.20/Doc. No 19 / Rev. 5/2019	$\leq 2,50$ <sup>1)</sup>	<b>1,83 ± 0,15</b>	<b>17/11/2023</b>	Compliance
	K268		$\leq 0,22$ <sup>1)</sup>	<b>0,16 ± 0,02</b>	<b>17/11/2023</b>	
	ΔK		$\leq 0,01$ <sup>1)</sup>	<b>-0,01 ± 0,01</b>	<b>17/11/2023</b>	

**Interpretation** (Outside the scope of accreditation):

According to the presented specifications and for the tests performed, the sample presents characteristics of Extra Virgin Olive Oil.

Test Report issued at:

Date: **20/11/2023** Hour: **14:00**

Laboratory Technical Supervisor



(Paula Vasconcelos)

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