



**VERIFICATION STATEMENT**  
I & F  
BUREAU VERITAS ITALIA

**I&F-IT-CER-OPE-F-  
021\_14064  
Revision 00  
IT 259356**

**OLITALIA SRL  
VIA ANTONIO MEUCCI, 22/A - FORLÌ**


**VERIFICATION STATEMENT  
(ISO 14064-3)**

**February 23, 2015**

Issued by: **BL\_CER**  
Prepared by: **CT/M.Riva**; Checked by: **TQR**; Approved  
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Form Issue Date : **09/06/2014**

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## 1. SCOPE OF THE ASSIGNMENT COMMISSIONED TO BUREAU VERITAS ITALIA S.P.A.

The reporting of greenhouse gas emissions (GHG)<sup>1</sup> subject to audit activities<sup>2</sup> by Bureau Veritas Italia S.p.A. refers to the following elements:


ELEMENTS AGREED UPON AT THE START OF THE VERIFICATION OR VALIDATION PROCESS	
<b>Organisation/product/service</b>	OLITALIA SRL VIA ANTONIO MEUCCI, 22/A FORLÌ, ITALY  CFP study on <u>extra virgin olive oil in PET and glass bottles of 1 litre, internally identified as "traditional" and obtained through a mixture of oils from Spain and Greece</u>  CFP study on <u>grape seed oil in PET and glass bottle of 1 litre</u>
<b>Assurance level (section 4.3.1)</b>	<input type="checkbox"/> reasonable <input checked="" type="checkbox"/> limited
<b>Objectives (section 4.3.2)</b>	Disclosure to the public and consumers
<b>Year(s) of reference</b>	2013 and 2014 for both CFP studies
<b>Criteria (section 4.3.3)</b>	ISO 14067, ISO 14040, ISO 14044

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<b>Field of application (section 4.3.4)</b>	<p>Extra virgin olive oil:  Upstream phase: creation and cultivation of olive groves; transportation, extraction and use of water; auxiliary materials for harvesting; fuel and electricity used; waste management.  Core phase: extraction of oil from olives; waste management; oil conservation; transportation to the packaging plant; oil packaging; packaging production; transportation of raw materials and energy inputs.  Downstream phase: transportation from final production / storage site to a distribution platform; waste management; packaging waste management / materials after use.</p> <p>Grape seed oil:  Upstream phase: transport of grape marc, grape seeds required for the production of oil from the wine cellars and distilleries to the oil mill (note: no emissions were assigned to the creation and cultivation of the vineyard nor during the production of the grape marc, as the grape marc and grape seeds used to make oil are a by-product of the wine production process).  Core phase: Oil extraction processes from the grape marc; waste management; transport to the packaging plant; oil packaging at the plant of Olitalia srl of Forlì; packaging; transport of raw materials and energy inputs for the core process.  Downstream phase: distribution to end customers; packaging management.</p>
<b>Importance (section 4.3.5)</b>	10%

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## 2. DOCUMENT SCOPE

This document constitutes the **verification statement**<sup>3</sup> regarding the greenhouse gas assertion<sup>4</sup> mentioned in section 1 in compliance with section 4.9 of standard number UNI EN ISO 14064-3:2012.

## 3. IDENTIFYING INFORMATION FOR THE CLIENT AND RESPONSIBLE PARTY

**Customer<sup>5</sup> and Responsible Party<sup>6</sup>:** OLITALIA SRL

**Headquarters:** VIA ANTONIO MEUCCI 22/A – FORLÌ, ITALY

**Contact person:** Vaimer Ballotta (Facility Manager)  
Silvia Mingione (Environment R&D Manager)


This verification statement is addressed to the responsible party, as identified above. This verification statement can be used by anyone, whether private individual or organisation, who wishes to have in-depth information on how the verification was conducted by Bureau Veritas Italia SpA on THE greenhouse gas emissions reported by OLITALIA srl.

## 4. MAIN METHODOLOGICAL REFERENCES

- ISO 14067 – ISO 14040 / ISO 14044
- ISO 14064-1
- GHG Product protocol
- GHG Organisational protocol
- Other:

**Also adopted: document PCR 2010:07 («Virgin olive oil and its fractions»)**

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## 5. MEMBERS OF THE BUREAU VERITAS ITALIA S.P.A. AUDIT TEAM

<b>Verification Manager:</b>	Francesco Baldoni
<b>Team member(s):</b>	Ugo Pretato

Contact details:

Tel. 02 27091 1, email [kyoto@it.bureauveritas.com](mailto:kyoto@it.bureauveritas.com)

## 6. PERSONS INVOLVED IN GHG ASSERTION VERIFICATION

Name and Surname	Corporate Function
Vaimer Ballotta	Facility Manager
Silvia Mingione	Environment R&D Manager
Gian Piero Zattoni	Consultant
Andrea Zanfini	Consultant
Francesco Filocamo	Consultant

## 7. GREENHOUSE GAS ASSERTION SUBJECT TO VERIFICATION


<u>Extra virgin olive oil</u> 1L in PET bottle: 2.766 Kg CO <sub>2eq</sub> 1l in GLASS bottle: 3.183 Kg CO <sub>2eq</sub>  <u>Grape seed oil</u> 1L in PET bottle: 0.681 Kg CO <sub>2eq</sub> 1l in GLASS bottle: 1.073Kg CO <sub>2eq</sub>
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## 8. DOCUMENTS SUBJECT TO VERIFICATION

The documents subject to verification are the following:

Title	Version
“Extra virgin olive oil – Carbon Footprint external report”	Rev. no. 0 dated 15.12.2014
“Grape seed oil – Carbon Footprint external report”	Rev. no. 0 dated 15.12.2014
“Extra virgin olive oil – Carbon Footprint external report”	Rev. no. 1 dated 30.01.2015
“Grape seed oil – Carbon Footprint external report”	Rev. no. 1 dated 30.01.2015

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## 9. INVENTORY OF GREENHOUSE GAS SAMPLES REGARDING THE RESULTS OF THE ACTIVITIES CARRIED OUT

### 1. Reconstructing activity data (sources of primary and secondary data):

#### Extra virgin olive oil

- primary data: from the facility in Forli (bottling)
- oil press primary data: through questionnaires (oil presses)
- secondary data: from Ecoinvent

#### Grape-seed oil

- primary data: from the facility in Forli (bottling)
- distillery primary data: through communication between the parties (distillery)
- secondary data: from Ecoinvent

#### 1.1 Sampling:

#### Extra virgin olive oil

- farming/agricultural phase: checked study prepared and based on data bank information
- oil press primary data: reviewed questionnaires (from oil presses) prepared as a summary sheet in an excel file
- system primary data: through direct readings or from invoices (reviewed electricity)

#### Grape-seed oil

Similar to the above (except for the fact that the farming phase was not dealt with because grape seeds are a by-product with minor impact and the oil press phase was replaced with the distillery, which in this case it is one system only - firm Tampieri).


### 2. Entering input data in data sheets/database:

The sample did not reveal any errors.

#### 2.1 Sampling:

The information regarding energy and transportation were sampled.

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### 3. Calculation formulas:

The sample did not reveal any errors in relation to the calculation instruments used (Excel and Simapro).

#### 3.1 Sampling:

Information regarding energy and transportation were sampled.

### 4. Selection of calculation parameters and specific factors:

The calculation factors that were used are indicated in the documents subjected to analysis, cited in section 8 of this document.

#### 4.1 Sampling:

The sampling did not reveal any errors.

### 5. Hypothesis and assumption selection:

The assumptions outlined in the documents cited in section 8 of this document were examined and shared.

### 6. Latest revision of the summary document and accuracy of the results transferred to the summary document:

The external reports for extra virgin olive oil and grape seed oil were examined initially with revision no. 0 dated 15/12/2014. Following the changes that were necessary in relation to the outcome of the audit, both reports were re-issued with the final version with revisions no. 1 dated 30/01/2015.

The sampling revealed no errors in the transfer of the results to the summary documents.


### 7. Assessment of GHG information system checks (e.g. procedures implemented to check data)

Olitalia srl is certified pursuant to standard ISO 9001, BRC, IFS.

There is no certified environmental management system or a GHG management system.

A series of internal procedures were fine-tuned to process data regarding the CFP project.

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**8. Outcome of the assessment of the criteria set out by the selected GHG standard/programme**

In order to analyse the observations made during the audit, the conclusions were formalised below.

<b>IMPROVEMENT NOTES</b>	
1	Assess the possibility of retrieving primary data for glass packaging materials.
2	As for the potential use of biomass with oil presses, contact the suppliers.
3	As far as the 2 internal reports are concerned, it is appropriate to unify the various sub-reports so that they can be read easily.

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**Conclusions:**

Following the sampling and consequent necessary corrections, upon completion of the audit activities, the validated GHG emissions are detailed as follows:

Extra virgin olive oil	Operating phase	Results PET bottle (kg CO <sub>2eq</sub> )
<b>Up-stream</b>	Farming phase	2,028
	Transportation	0,062
<b>Core</b>	Oil press phase	0,080
	Transportation from oil press to Olitalia	0,098
	Internal industrial phase	0,169
<b>Down-stream</b>	Transportation for distribution	0,285
	End of life	0,044
	<b>TOTAL</b>	<b>2,766</b>

Extra virgin olive oil	Operating phase	Results GLASS bottle (kg CO <sub>2eq</sub> )
<b>Up-stream</b>	Farming phase	2,007
	Transportation	0,062
<b>Core</b>	Oil press phase	0,080
	Transportation from oil press to Olitalia	0,098
	Internal industrial phase	0,402
<b>Down-stream</b>	Transportation for distribution	0,413
	End of life	0,12
	<b>TOTAL</b>	<b>3,183</b>


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Grape seed	Operating phase	Results PET bottle (kg CO <sub>2eq</sub> )
Core	Oil mill/refinery phase	0,286
	Transportation from oil mill to Olitalia	0,003
	Internal industrial phase	0,165
Down-stream	Transportation for distribution	0,183
	End of life	0,044
	<b>TOTAL</b>	<b>0,681</b>

Grape seed	Operating phase	Results GLASS bottle (kg CO <sub>2eq</sub> )
Core	Oil mill/refinery phase	0,286
	Transportation from oil mill to Olitalia	0,003
	Internal industrial phase	0,398
Down-stream	Transportation for distribution	0,265
	End of life	0,121
	<b>TOTAL</b>	<b>1,073</b>

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## 10 VERIFICATION STATEMENT<sup>7</sup>

Based on the verification work and processes followed, there is no evidence to suggest that the GHG assertions:

- are not materially correct or are not a fair representation of GHG emissions data assertions; and
- are not prepared in accordance with international standards on calculating, monitoring and reporting GHG emissions and relevant national regulations.

Signature of Audit Manager:



Signature of the Validation Committee Manager:



Signature of the Local Technical Manager:



<sup>1</sup>"Greenhouse gas effect, greenhouse, GHG": see definition no. 2.1 of standard UNI EN ISO 14064-3:2012

<sup>2</sup>"Verification": see definition no. 2.36 of standard UNI EN ISO 14064-3:2012

<sup>3</sup>"Verification statement": see definition no. 2.34 of standard UNI EN ISO 14064-3:2012

<sup>4</sup>"Greenhouse gas assertion": see definition no. 2.11 of standard UNI EN ISO 14064-3:2012

<sup>5</sup>"The Client": see definition no. 2.27 of standard UNI EN ISO 14064-3:2012

<sup>6</sup>"Responsible party": see definition no. 2.24 of standard UNI EN ISO 14064-3:2012

<sup>7</sup> Verification Statement reference: section A.2.3.2 of standard UNI EN ISO 14064-3:2012

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