

REFERENCES

**Order ::** DD SEPTEMBER 10, 2015  
**Offer :** DR15-4473 revision 2  
**Received Rouen** 10/09/15  
**Requested by:** MRS GIORGADZE Sophie  
**ClientID:** Cream butter 82% - 31/07/15  
**Description:** 1 block of 400 g  
**Nature:** BUTTER  
**Comments:**

CSRDG  
 CENTRE FOR STRATEGIC RESERACH AND  
 DEVELOPMENT OF GEORGIA  
 5A DELISI 1ST LANE  
 TBILISI  
 GEORGIA

Rouen 24 / 09 / 2015

REPORT  
 RN15-17766.001

Page 1 / 2

Parameters	Units	Results
<b>Moisture</b> (NF EN ISO 3727-1)	%	12,08
<b>Non-fat solids content</b> (NF EN ISO 3727-2)	%	1,35
<b>Fat content</b> (NF EN ISO 3727-3)	%	86,57
<b>Trans fatty acid composition</b> (ME-0217 - NF EN ISO 15304 adaptée)		
<b>C16.1 trans (Palmitelaidic acid)</b>	%	<0,05
<b>C17.1 trans (trans Heptadecanoic acid)</b>	%	<0,05
<b>C18.1 trans n- 9 (élaïdic acid)</b>	%	0,46
<b>C18.1 trans n-7 (trans Vaccenic acid)</b>	%	1,15
<b>C18.2 tt (linoelaidiq acid)</b>	%	0,35
<b>C18.2 ct (Linoelaidiq acid)</b>	%	0,17
<b>C18.2 tc (Linoelaidiq acid)</b>	%	<0,05
<b>C18.3 ttc (trans Linolenic acid)</b>	%	<0,05
<b>C18.2 conj 9c11t (rumenic acid)</b>	%	0,34
<b>C18.2 conj7t9c (other cla)</b>	%	0,13
<b>sum of isomere trans linolenic + trans linoleic</b>	%	1,09
<b>sum of isomere trans oleic</b>	%	1,71
<b>Trans fatty acids content in the product</b> (ME217- NF EN ISO 15304 adaptée)		
<b>C16.1 trans (Palmitelaidic acid)</b>	g/100 g	<0,05
<b>C17.1 trans (trans Heptadecanoic acid)</b>	g/100 g	<0,05
<b>C18.1 trans n-9 (Elaidic acid)</b>	g/100 g	0,35
<b>C18.2 tt (Linoelaidic acid)</b>	g/100 g	0,26
<b>C18.2 ct (Linoelaidic acid)</b>	g/100 g	0,13
<b>C18.2 tc (Linoelaidic acid)</b>	g/100 g	<0,05
<b>C18.3 ttc (trans Linoleniq acid)</b>	g/100 g	<0,05

(1) Assays subcontracted in a SGS laboratory

(2) Assays subcontracted in a partner laboratory

Abbreviations ME or MO described within the field "parameters" of this report mean "Internal method" (adapting from the reference text if described hereinafter).

This document is issued by the Company subject to its General Conditions of Service available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>

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 Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's 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. This document cannot be reproduced except in full, without prior written approval of the Company. 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."

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 60 days only (indeed less depending on kind of sample(s)) or more than 60 days according to particular client's request.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Parameters	Units	Results
<b>Trans fatty acids content in the product</b>		
(ME217- NF EN ISO 15304 adaptée)		
<b>C18.2 conj 9c11t (rumenic acid (cla))</b>	g/100 g	0,25
<b>C18.2 conj 7t9c (other cla)</b>	g/100 g	0,10
<b>Sum of isomere trans-linoléiques + trans-linoléniques</b>	g/100 g	0,81
<b>sum of isomere trans-oleic</b>	g/100 g	1,3
<b>Fat other than milk fat</b>		
(NF EN ISO 17678)		
<b>somme des TG en C24, C25, et du cholestérol</b>	%	0,3
<b>somme des TG en C26, C27</b>	%	0,2
<b>somme des TG en C28, C29</b>	%	0,6
<b>somme des TG en C30, C31</b>	%	1,1
<b>somme des TG en C32, C33</b>	%	2,3
<b>somme des TG en C34, C35</b>	%	5,7
<b>somme des TG en C36, C37</b>	%	10,7
<b>somme des TG en C38, C39</b>	%	12,3
<b>somme des TG en C40, C41</b>	%	9,1
<b>somme des TG en C42, C43</b>	%	6,4
<b>somme des TG en C44, C45</b>	%	6,3
<b>somme des TG en C46, C47</b>	%	7,4
<b>somme des TG en C48, C49</b>	%	9,8
<b>somme des TG en C50, C51</b>	%	12,5
<b>somme des TG en C52, C53</b>	%	10,8
<b>somme des TG en C54, C55</b>	%	4,5
<b>Fat other than milk fat</b>		absence

Results validated electronically by

**Laurence LAMBERT**  
Responsible Projet



this validation is an electrical signature realised in conformity with requirements of ISO 17025

This document is issued by the Company subject to its General Conditions of Service available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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 Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's 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. This document cannot be reproduced except in full, without prior written approval of the Company. 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.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 60 days only (indeed less depending on kind of sample(s)) or more than 60 days according to particular client's request.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

SGS MULTILAB 65 rue Ettore BUGATTI BP90014 76801 Saint Etienne Du Rouvray cedex t +33 (0)2 35 07 91 91 f +33 (0)2 35 07 91 90 [www.sgs.com](http://www.sgs.com)

Membre du groupe SGS (SGS SA)

Siège social : 7, rue Jean Mermoz - ZI Saint Guénault - 91080 Courcouronnes - SAS au capital de 200 000 EUR - Identification 393 312 913 RCS - NAF 7120B