

REFERENCES

Order :: DD SEPTEMBER 25, 2015
 Offer : DR15-5666
 Received Rouen 29/09/15
 Requested by: MRS GIORGADZE Sophie
 ClientID: Cream butter 72,5% - 13/08/15
 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 16 / 10 / 2015

REPORT
 RN15-19258.001

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Parameters	Units	Results
Moisture (NF EN ISO 3727-1)	%	24,09
Non-fat solids content (NF EN ISO 3727-2)	%	1,61
Fat content (NF EN ISO 3727-3)	%	74,30
Trans fatty acid composition (ME-0217 - NF EN ISO 15304 adaptée)		
C16.1 trans (Palmitelaidic acid)	%	0,22
C18.1 trans n-12 (Petroselaidic acid)	%	<0,05
C18.1 trans n- 9 (élaïdic acid)	%	0,72
C18.2 tt (linoelaidic acid)	%	0,52
C18.2 ct (Linoelaidiq acid)	%	0,19
C18.3 ctt (trans Linoleic acid)	%	<0,05
C18.3 ttc (trans Linolenic acid)	%	<0,05
C18.2 conj 9c11t (rumenic acid)	%	1,56
C18.2 conj7t9c (other cla)	%	0,24
C19.1 trans (trans Nonadecanoic acid)	%	<0,05
C20.1 trans (trans Eicosenoic acid)	%	<0,05
C22.1 trans (Brassidate acid)	%	<0,05
sum of isomere trans linolenic + trans linoleic	%	2,6
sum of isomere trans oleic	%	0,99
Trans fatty acids content in the product (ME217- NF EN ISO 15304 adaptée)		
C16.1 trans (Palmitelaidic acid)	g/100 g	0,15
C18.1 trans n-12 (Petroselaidic acid)	g/100 g	<0,05
C18.1 trans n-9 (Elaidic acid)	g/100 g	0,50
C18.2 tt (Linoelaidic acid)	g/100 g	0,36
C18.2 ct (Linoelaidic acid)	g/100 g	0,13

(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).

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Parameters	Units	Results
Trans fatty acids content in the product		
(ME217- NF EN ISO 15304 adaptée)		
C18.3 ctt (trans Linolenic acid)	g/100 g	<0,05
C18.3 ttc (trans Linoleniq acid)	g/100 g	<0,05
C18.2 conj 9c11t (rumenic acid (cla))	g/100 g	1,09
C18.2 conj 7t9c (other cla)	g/100 g	0,17
C19.1 trans (trans Nonadecanoic acid)	g/100 g	<0,05
C20.1 trans (trans Eicosenoic acid)	g/100 g	<0,05
C22.1 trans (Brassicidate acid)	g/100 g	<0,05
Sum of isomere trans-linoléiques + trans-linoléniques	g/100 g	1,8
sum of isomere trans-oleic	g/100 g	0,68
Fat other than milk fat		
(NF EN ISO 17678)		
somme des TG en C24, C25, et du cholestérol	%	0,4
somme des TG en C26, C27	%	0,3
somme des TG en C28, C29	%	0,6
somme des TG en C30, C31	%	1,2
somme des TG en C32, C33	%	2,4
somme des TG en C34, C35	%	5,6
somme des TG en C36, C37	%	10,5
somme des TG en C38, C39	%	12,6
somme des TG en C40, C41	%	10,1
somme des TG en C42, C43	%	6,8
somme des TG en C44, C45	%	6,2
somme des TG en C46, C47	%	6,9
somme des TG en C48, C49	%	8,7
somme des TG en C50, C51	%	11,3
somme des TG en C52, C53	%	10,9
somme des TG en C54, C55	%	5,9
Fat other than milk fat		Absence

Results validated electronically by

Laurence LAMBERT
Responsable Projet



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

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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

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