

1304 Halsted Street Chicago Heights, IL 60411 708/756 3210 Fax 708/756 0049

CERTIFICATE OF ANALYSIS

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COA No:	CHG-31542252-0
Supersedes:	CHG-31536498-0
COA Date	1/4/07
Page 1 of 3	

TO:
Mr. Greg Caton
VP
Lumen Foods
409 Scott St.
Lake Charles, LA 20601

Received From: Lake Charles, LA
Received Date: 12/14/06

Location of Test: (except where noted) Chicago Heights, IL

Analytical Results

Desc. 1:

Passion Fruit Oil

Laboratory ID:

308504895

Condition Rec'd:

NORMAL

Temp Rec'd (°C):

17

Analyte

Nutrition - Simplified

Test Date Loc. 1/3/2007

NUTRITIONAL ANALYSIS

Serving Size: Household Measure: 28 g

1 fl oz

LABEL ANALYTES		ANALYTICAL DATA PER 100g	DATA PER SERVING	DATA PER SERVING	% DAILY
Calories		894.8	250.5	250	
Total Fat	(g)	99.02	27.73	28	43
Saturated Fat	(g)	13.87	3.88	4.0	20
Trans Fat	(g)	0.21	0.06	0	
Sodium	(mg)	5.8	1.6	0	0
Total Carbohydrate	(g)	0.9	0.3	0	0
Protein (F=6.25)	(g)	<0.10	<0.03	0	
CONTRIBUTING ANAL	YTES				
Moisture	(g)	0.08	0.02		
Ash	(g)	<0.01	<0.01		

^{*} Contains less than 2% of the Daily Value of this nutrient.



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CERTIFICATE OF ANALYSIS

COA No:	CHG-31541775-0
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Supersedes: COA Date	1/3/07
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TO:

Mr. Greg Caton

VP

Lumen Foods 409 Scott St.

Lake Charles, LA 20601

Received From:	Lake Charles, LA	
Received Date:	12/14/06	

Location of Test: (except where noted) Chicago Heights, IL

Analytical Results

Desc. 1:

Passion Fruit Oil

Laboratory ID:

308504939

Condition Rec'd:

NORMAL

Temp Rec'd (°C):

17

Method Reference

Test Date Loc.

AOAC 996.06

12/28/06

Result Units Analyte Fat by Fatty Acid Profile Fat Analysis by GC - Summary 99.02 g/100g Fat by Fatty Acid Profile 13.87 g/100g **Total Saturated Fatty Acids** 14.32 g/100g Total Monounsaturated Fatty Acids 66.25 g/100g Total Polyunsaturated Fatty Acids 0.21 g/100g **Total Trans Fatty Acids** 0.04 g/100g Total Conjugated Fatty Acids



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Received From: Lake Charles, LA
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Location of Test: (except where noted) Chicago Heights, IL

Analytical Results

Fat Analysis by GC	% Fatty Acid in Product (Weight/Weight Basis)					Laboratory ID: 308504939	
Fatty Acids	Saturated	Cis MUFA	Cis PUFA	Trans	Conjugated	% as Triglyceride	% FA of Total FA
4:0 Butanoic (Butyric)						0.000	0.000
5:0 Pentanoic (Valeric)						0.000	0.000
6:0 Hexanoic (Caproic)					<u></u>	0.000	0.000
7:0 Heptanoic (Enanthic)					<u> </u>	0.000	0.000
8:0 Octanoic (Caprylic)						0.000	0.000
9:0 Nonanoic (Pelargonic)						0.000	0.000
10:0 Decanoic (Capric)	0.081					0.087	0.086
11:0 Undecanoic	0.002					0.002	0.002
12:0 Dodecanoic (Lauric)	0.007					0.007	0.007
12:1 Dodecenoic						0.000	0.000
14:0 Tetradecanoic (Myristic)	0.084					0.089	0.089
14:1 trans-Tetradecenoic						0.000	0.000
14:1 Tetradecenoic (Myristoleic)						0.000	0.000
15:0 Pentadecanoic	0.025					0.026	0.026
15:1 Pentadecenoic						0.000	0.000
16:0 Hexadecanoic (Palmitic)	10.729					11.260	11.330
16:1 trans-Hexadecenoic				0.007		0.007	0.007
16:1 Hexadecenoic (Palmitoleic)		0.194			1	0.204	0.205
17:0 Heptadecanoic (Margaric)	0.066				1	0.069	0.070
17:1 Heptadecenoic (Margaroleic)					1	0.000	0.000
18:0 Octadecanoic (Stearic)	2.601					2.717	2.746
18:1 trans-Octadecenoic (incl. Elaidic)				0.031		0.033	0.033
18:1 Octadecenoic (incl. Oleic)		13.979				14.607	14.761
18:2 trans-Octadecadienoic		10.07.0	·····	0.166	·	0.173	0.175
18:2 Octadecadienoic (Linoleic)			65.774		†	68.748	69.454
20:0 Eicosanoic (Arachidic)	0.149		00.7.7-		1	0.155	0.157
18:3 trans-Octadecatrienoic					1	0.000	0.000
18:3 g-Linolenic						0.000	0.000
20:1 trans-Eicosenoic				0.009		0.009	0.009
20:1 Eicosenoic (incl. Gadoleic)		0.133				0.138	0.140
18:3 Octadecatrienoic (Linolenic)		0.100	0.423		· · · · · · · · · · · · · · · · · · ·	0.442	0.447
21:0 Heneicosanoic	0.012					0.012	0.013
18:2 conj Linoleic	0.012				0.038	0.040	0.040
					0.000	0.000	0.000
18:4 Octadecatetraenoic (Moroctic) 20:2 Eicosadienoic			0.030			0.031	0.032
20:3 5,8,11-Eicosatrienoic			0.000		·	0.000	0.000
22:0 Docosanoic (Behenic)	0.061				† -	0.064	0.065
20:3 8,11,14-Eicosatrienoic (gamma)	0.001			***************************************	-† 	0.000	0.000
22:1 trans-Docosaenoic (Brassidic)					·} 	0.000	0.000
		0.013			† -	0.013	0.013
22:1 Docosaenoic (Erucic) 20:3 11,14,17-Eicosatrienoic		0.013			·····	0.000	0.000



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TO: Mr. Greg Caton VP Lumen Foods

409 Scott St. Lake Charles, LA 20601 Received From: Lake Charles, LA Received Date: 12/14/06

Location of Test: (except where noted) Chicago Heights, IL

Analytical Results

Fat Analysis by GC	% Fa	% Fatty Acid in Product (Weight/Weight Basis)					ID: 308504939
		Cis MUFA		Trans	Conjugated	% as Triglyceride	% FA of Total FA
Fatty Acids	Gaturated	CIO IVIOI 7 I				0.000	0.000
20:4 Eicosatetraenoic (Arachidonic)						0.000	0.000
23:0 Tricosanoic			}			0.000	0.000
22:2 Docosadienoic							0.061
24:0 Tetracosanoic (Lignoceric)	0.058					0.060	0.001
20:5 Eicosapentaenoic			0.017			0.017	
24:1 Tetracosaenoic (Nervonic)		0.003				0.003	0.003
						0.000	0.000
22:3 Docosatrienoic			0.010			0.011	0.011
22:4 Docosatetraenoic			0.010			0.000	0.000
22:5 Docosapentaenoic			ļ			0.000	0.000
22:6 Docosahexaenoic						0.000	0.000
Total (g per 100g)	13.87	14.32	66.25	0.21	0.04	99.02	100.00
% of Total Fatty Acid Concentration	14.65	15.12	69.96	0.22	0.04		



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Chicago Heights, IL

Analytical Results

308504939 Laboratory ID: Passion Fruit Oil Desc. 1: NORMAL Condition Rec'd: 17 Temp Rec'd (°C): Test Date Loc. Method Reference Result Units Analyte 1/2/07 Calculation 0.44 g/100g Omega 3 Fatty Acids 1/2/07 CRA E-1 65.90 a/100g Omega 6 Fatty Acids 1/3/07 Analyst(1984)109:489 Total Vitamin A 95.3 IU/100g Beta Carotene <5.0 IU/100g Retinol 95.3 IU/100g Total Vitamin A 1/2/07 AOAC 967.22 <1.0 mg/100g Vitamin C - HPLC

Randy Fleener

2. Flemer

Laboratory Director