

**GREEN PASTURES
DAVE WETZEL
BOX 486
ONEILL NE 68763**

REPORT OF ANALYSIS

For: (20595) GREEN PASTURES
FERMENTED COD LIVER OIL
C15061815

Analysis	Level Found	Units	Reporting	Method	Analyst- Date	Verified- Date
	As Received		Limit			
Sample ID: C15061815 Lab Number: 2440466						
Butyric (C4:0)	n.d.	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Caproic (C6:0)	n.d.	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Caprylic (C8:0)	0.01	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Capric (C10:0)	n.d.	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Lauric (C12:0)	0.04	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Tridecanoic (C13:0)	0.01	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Myristic (C14:0)	3.83	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Myristoleic (C14:1 Cis)	0.12	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Pentadecanoic (C15:0)	0.32	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Palmitic (C16:0)	11.9	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Palmitoleic (C16:1 Cis)	12.0	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Heptadecanoic (C17:0)	0.174	%	0.010	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
10-Heptadecanoic (C17:1)	0.40	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Stearic (C18:0)	3.18	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Eliadic (C18:1 Trans)	1.59	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Oleic (C18:1 Cis)	29.4	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Linoleic (C18:2 Trans)	0.05	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

**GREEN PASTURES
DAVE WETZEL
BOX 486
ONEILL NE 68763**

REPORT OF ANALYSIS

For: (20595) GREEN PASTURES
FERMENTED COD LIVER OIL
C15061815

Analysis	Level Found	Units	Reporting	Method	Analyst- Date	Verified- Date
	As Received		Limit			
Sample ID: C15061815	Lab Number: 2440466 (con't)					
Linoleic (C18:2 Cis)	0.97	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
gamma-Linolenic (C18:3 gamma)	0.12	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Nonadecanoic (C19:0)	0.02	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
alpha-Linolenic (C18:3 alpha)	0.55	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Arachidic (C20:0)	0.08	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
11-Eicosenoic (C20:1)	4.58	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
11-14 Eicosadienoic (C20:2)	0.37	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Homo-gamma linolenic (C20:3)	0.12	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
11-14-17 Eicosatrienoic (C20:3)	0.12	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Arachidonic (C20:4)	0.84	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Eicosapentaenoic (C20:5)	14.4	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Heneicosanoic (C21:0)	n.d.	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Behenic (C22:0)	0.02	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Erucic (C22:1)	0.54	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Docosadienoic (C22:2)	n.d.	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Docosapentaenoic (C22:5)	1.85	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Docosahexaenoic (C22:6)	11.5	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Tricosanoic (C23:0)	n.d.	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Lignoceric (C24:0)	n.d.	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

**GREEN PASTURES
DAVE WETZEL
BOX 486
ONEILL NE 68763**

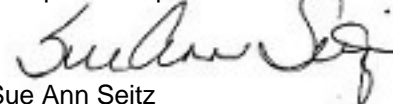
REPORT OF ANALYSIS

For: (20595) GREEN PASTURES
FERMENTED COD LIVER OIL
C15061815

Analysis	Level Found	Units	Reporting		Analyst- Date	Verified- Date
	As Received		Limit	Method		
Sample ID: C15061815	Lab Number: 2440466 (con't)					
Nervonic (C24:1)	0.45	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Saturated fat (total)	19.6	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Polyunsaturated fats (total)	30.8	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Monounsaturated fats (total)	47.5	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Trans fatty acids (total)	2.01	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Omega 3 fatty acids (total)	28.4	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Omega 6 fatty acids (total)	2.29	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11
Omega 9 fatty acids (total)	30.0	%	0.01	AOAC 996.06 *	amw7-2015/09/10	tjp8-2015/09/11

This report was reissued on 2015-11-20 15:35:51 by sjc9 for the following reason:
REFORMAT REPORT PER EMAIL FROM JIE ZHANG.
All results are reported on an AS RECEIVED basis., n.d. = not detected

For questions please contact:



Sue Ann Seitz
Account Manager
sueann.seitz@midwestlabs.com (402)829-9892

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

REPORT NUMBER

15-258-4039 v3

REPORT DATE
Nov 20, 2015

RECEIVED DATE
Sep 03, 2015

SEND TO
20595



13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121
www.midwestlabs.com

PAGE 4/4

ISSUE DATE
Nov 20, 2015

**GREEN PASTURES
DAVE WETZEL
BOX 486
ONEILL NE 68763**

REPORT OF ANALYSIS

For: (20595) GREEN PASTURES
FERMENTED COD LIVER OIL
C15061815

Detailed Method Description(s)

Fatty Acid Profile

Sample prep follows MWL HPLC 008 and analysis follows HPLC 004 which are both based on AOAC 996.06. The fat in the sample is extracted and saponified and the fatty acids methylated to form the fatty acid methyl esters (FAMES). The methyl ester extract (FAMES) is injected into a GC that uses a flame ionization detector (GC/FID). The response generated during analyses of the individual FAME is compared to standards which are used to quantitate the levels of fatty acids found in the sample. The standard reporting level is 0.01% of the fat.

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.