

Certificate No. LPAE/0436/16
Company Messrs. ORIENTAL INCHAWAY SDN BHD
 No.9, 9-1/9-2, Jalan Pertama 2, Pusat
 Perdagangan Danga Utama, 81300 , Skudai,
 Johor Bahru, Malaysia.

ANALYSIS REPORT

The following merchandise was submitted and identified by the client as:

Sample Description : Sacha Inchi Oil Sample

On analysis of the composite samples, the following results were obtained:-

<u>TEST PARAMETERS</u>	<u>TEST METHODS</u>	<u>RESULTS</u>
Cadmium (Cd), ppm	In-house Method (ICP-OES)	< 0.01 (N.D.)
Lead (Pb), ppm	In-house Method (ICP-OES)	< 0.01 (N.D.)
Arsenic (As), ppm	ICP-MS	< 0.05 (N.D.)
Mercury (Hg), ppm	In-house Method (Mercury Analyzer)	< 0.01 (N.D.)
#Aflatoxin - B1, ppb	AOAC 944.08	< 0.5 (N.D.)
#Aflatoxin - B2, ppb	AOAC 944.08	< 0.5 (N.D.)
# Aflatoxin - G1, ppb	AOAC 944.08	< 0.5 (N.D.)
# Aflatoxin - G2, ppb	AOAC 944.08	< 0.5 (N.D.)
#Total Aflatoxin, ppb	AOAC 944.08	< 2.0 (N.D.)
#Trans Fatty Acid,%	GLC	< 0.1 (N.D.)

Notes: 1) < = Less than
 2) "N.D." (Not Detected) means the test results are lower than the detection limit value.

SGS (MALAYSIA) SDN. BHD.



LING YEN HWA
 B.Sc (Hons), AMIC
 SENIOR CHEMIST

Remark: # This testing was conducted by third-party lab.

The Company's involvement has been limited to implementing the Client's instructions, which required the Company to submit the sample(s) for analysis to a third-party laboratory. The Company is not responsible for those analytical results, the responsibility of which remains with the laboratory that produced those results.

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/terms-and-conditions.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. 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. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

Your Reference -
 Sample Received Apr 13, 2016
 Date of Report May 05, 2016
 Page No. 2 of 7

Certificate No. LPAE/0436/16
Company Messrs. ORIENTAL INCHAWAY SDN BHD
 No.9, 9-1/9-2, Jalan Pertama 2, Pusat
 Perdagangan Danga Utama, 81300 , Skudai,
 Johor Bahru, Malaysia.

On analysis of the composite samples, the following results were obtained:-

<u>TEST PARAMETERS</u>	<u>TEST METHODS</u>	<u>RESULTS</u>
Staphylococcus aureus, cfu/g	BS EN ISO 6888-1:1999	< 100 (N.D.)
Coliform, MPN/g	BS ISO 4831:2006	< 3 (N.D.)
Detection of Genetically Modified Organisms, %	Detection and amplification of DNA by PCR	< 0.1 (N.D.)
Yeast & Mould, cfu/g	AS 1766.2.2	< 100 (N.D.)
Salmonella SPP., /25g	BS EN ISO 6579: 2002	Absent
Omega 3, %	In-House Method (GC)	40.23
Omega 6, %	In-House Method (GC)	40.08
Omega 9, %	In-House Method (GC)	9.61

Notes: 1) < = Less than
 2) "N.D." (Not Detected) means the test results are lower than the detection limit value.

SGS (MALAYSIA) SDN. BHD.



 LING YEN HWA
 B.Sc (Hons), AMIC
 SENIOR CHEMIST

Certificate No. LPAE/0436/16
Company Messrs. ORIENTAL INCHAWAY SDN BHD
 No.9, 9-1/9-2, Jalan Pertama 2, Pusat
 Perdagangan Danga Utama, 81300 , Skudai,
 Johor Bahru, Malaysia.

TEST ITEMS	METHODS	LOD	LOQ	RESULTS	UNITS
* Pesticides Organochlorine	Based on AOAC (2012) 970.52, GC uECD				
-alpha-BHC		0.006	0.02	Not detected	mg/kg
-beta-BHC		0.006	0.02	Not detected	mg/kg
-gamma-BHC (Lindane)		0.006	0.02	Not detected	mg/kg
-delta-BHC		0.006	0.02	Not detected	mg/kg
-Heptachlor		0.006	0.02	Not detected	mg/kg
-Aldrin		0.006	0.02	Not detected	mg/kg
-Heptachlorepoxyde		0.006	0.02	Not detected	mg/kg
-Endosulfan I		0.006	0.02	Not detected	mg/kg
-Dieldrin		0.006	0.02	Not detected	mg/kg
-Endosulfan II		0.006	0.02	Not detected	mg/kg
-o,p'-DDT		0.006	0.02	Not detected	mg/kg
-p,p'-DDT		0.006	0.02	Not detected	mg/kg
-dicofol		0.006	0.02	Not detected	mg/kg
Total fatty acid	AOAC (2012) 996.06, GC-FID				
-Butyric acid methyl ester (C4:0)		-	0.01	Less than 0.01	%
-Caproic acid methyl ester (C6:0)		-	0.01	Less than 0.01	%
-Caprylic acid methyl ester (C8:0)		-	0.01	Less than 0.01	%
-Capric acid methyl ester (C10:0)		-	0.01	0.03	%
-Lauric acid methyl ester (C12:0)		-	0.01	0.04	%
-Tridecanoic acid methyl ester (C13:0)		-	0.01	0.01	%
-Myristic acid methyl ester (C14:0)		-	0.01	0.02	%
-Myristoleic acid methyl ester (C14:1)		-	0.01	Less than 0.01	%
-Pentadecanoic acid methyl ester (C15:0)		-	0.01	Less than 0.01	%
-cis-10-pentadecenoic acid methy ester (C15:1)		-	0.01	Less than 0.01	%

SGS (MALAYSIA) SDN. BHD.



LING YEN HWA
 B.Sc (Hons), AMIC
 SENIOR CHEMIST

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/terms-and-conditions.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. 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. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

Certificate No. LPAE/0436/16
Company Messrs. ORIENTAL INCHAWAY SDN BHD
 No.9, 9-1/9-2, Jalan Pertama 2, Pusat
 Perdagangan Danga Utama, 81300 , Skudai,
 Johor Bahru, Malaysia.

TEST ITEMS	METHODS	LOD	LOQ	RESULTS	UNITS
-Palmitic acid methyl ester (C16:0)		-	0.01	4.44	%
-trans-9-Hexadecenoic acid methyl ester (C16:1t)		-	0.01	Less than 0.01	%
-Palmitoleic acid methyl ester (C16:1)		-	0.01	0.05	%
-Heptadecanoic acid methyl ester (C17:0)		-	0.01	0.11	%
-cis-10-Heptadecenoic acid methyl ester (C17:1)		-	0.01	Less than 0.01	%
-Stearic acid methyl ester (C18:0)		-	0.01	3.49	%
-C18:1t (Sum3 isomer) methyl ester		-	0.01	0.04	%
-cis-9-Oleic acid methyl ester (C18:1c)		-	0.01	9.78	%
-*cis-11-vacenic acid methyl ester (C18:1c)		-	0.01	0.55	%
-*cis-12-octadecenoic acid methyl ester (C18:1c)		-	0.01	Less than 0.01	%
-Linolelaidic acid methyl ester (C18:2l)		-	0.01	0.14	%
-Linoleic acid methyl ester (C18:2c)		-	0.01	39.59	%
-Arachidic acid methyl ester (C20:0)		-	0.01	0.13	%
-gamma-Linolenic acid methyl ester (C18:3 GLA)		-	0.01	0.22	%
-trans-11-Eicosenoic acid methyl ester (C20:1t)		-	0.01	Less than 0.01	%
-alpha-Linolenic acid methyl ester (C18:3 ALA)		-	0.01	41.35	%
-cis-11-Eicosenoic acid methyl ester (C20:1)		-	0.01	0.17	%
-Heneicosanoic acid methyl ester (C21:0)		-	0.01	Less than 0.01	%

SGS (MALAYSIA) SDN. BHD.



LING YEN HWA
 B.Sc (Hons), AMIC
 SENIOR CHEMIST

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/terms-and-conditions.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. 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. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

Certificate No. LPAE/0436/16
Company Messrs. ORIENTAL INCHAWAY SDN BHD
 No.9, 9-1/9-2, Jalan Pertama 2, Pusat
 Perdagangan Danga Utama, 81300 , Skudai,
 Johor Bahru, Malaysia.

TEST ITEMS	METHODS	LOD	LOQ	RESULTS	UNITS
-Stearidonic acid methyl ester (C18:4 n-3)		-	0.01	Less than 0.01	%
-cis-11,14-Eicosadienoic acid methyl ester (C20:2)		-	0.01	0.04	%
-Behenic acid methyl ester (C22:0)		-	0.01	0.03	%
-cis-8, 11, 14-Eicosatrienoic acid methyl ester (C20:3 n-6)		-	0.01	Less than 0.01	%
-trans-13-Docosenoic acid methyl ester (C22:1t)		-	0.01	Less than 0.01	%
-cis-11,14,17-Eicosatrienoic acid methyl ester (C20:3 n-3)		-	0.01	0.01	%
-cis-5,8,11,14-Eicosatetraenoic acid methyl ester (C20:4 ARA)		-	0.01	Less than 0.01	%
-Erucic acid methyl ester (C22:1)		-	0.01	Less than 0.01	%
-Tricosanoic acid methyl ester (C23:0)		-	0.01	Less than 0.01	%
-cis-13,16-Docosadienoic acid methyl ester (C22:2)		-	0.01	Less than 0.01	%
-cis-5,8,11,14,17-Eicosapentaenoic acid methyl ester (C20:5 EPA)		-	0.01	Less than 0.01	%
-Lignoceric acid methyl ester (C24:0)		-	0.01	0.01	%
-cis-13,16,19-Docosatrienoic acid methyl ester (C22:3)		-	0.01	Less than 0.01	%
-Nervonic acid methyl ester (C24:1)		-	0.01	Less than 0.01	%
-Adrenic acid methyl ester (C22:4)		-	0.01	Less than 0.01	%
-Docosapentaenoic acid methyl ester (C22:5)		-	0.01	Less than 0.01	%
-cis-7,10,13,16,19 Docosapentaenoic acid methyl ester (C22:5 DPA)		-	0.01	Less than 0.01	%
-cis-4,7,10,13,16,19-Docosahexaenoic acid methyl ester (C22:6 DHA)		-	0.01	Less than 0.01	%

SGS (MALAYSIA) SDN. BHD.



LING YEN HWA
 B.Sc (Hons), AMIC
 SENIOR CHEMIST

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/terms-and-conditions.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. 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. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

Certificate No. LPAE/0436/16
Company Messrs. ORIENTAL INCHAWAY SDN BHD
No.9, 9-1/9-2, Jalan Pertama 2, Pusat
Perdagangan Danga Utama, 81300 , Skudai,
Johor Bahru, Malaysia.

TEST ITEMS	METHODS	LOD	LOQ	RESULTS	UNITS
*Pesticides Organophosphorus	Based on AOAC (2012) 970.52, GC uECD				
-chlorpyrifos		0.25	1.0	Not detected	mg/kg
-diazinon		0.25	1.0	Not detected	mg/kg
-ethion		0.25	1.0	Not detected	mg/kg
-fenitrothion		0.25	1.0	Not detected	mg/kg
-malathion		0.25	1.0	Not detected	mg/kg
-mevinphos		0.25	1.0	Not detected	mg/kg
-parathion ethyl		0.25	1.0	Not detected	mg/kg
-parathion methyl		0.25	1.0	Not detected	mg/kg
-pirimiphos ethyl		0.25	1.0	Not detected	mg/kg
-pirimiphos methyl		0.25	1.0	Not detected	mg/kg
-dimethoate		0.25	1.0	Not detected	mg/kg
-EPN		0.25	1.0	Not detected	mg/kg
-methamidophos		0.25	1.0	Not detected	mg/kg
-phosalone		0.25	1.0	Not detected	mg/kg
-profenophos		0.25	1.0	Not detected	mg/kg
-prothiophos		0.25	1.0	Not detected	mg/kg
-triazophos		0.25	1.0	Not detected	mg/kg
-azinphos methyl		0.25	1.0	Not detected	mg/kg
-dicotophos		0.25	1.0	Not detected	mg/kg
-monocrotophos		0.25	1.0	Not detected	mg/kg
-omethoate		0.25	1.0	Not detected	mg/kg
*Pesticides Pyrethriod					
-cyfluthrin		0.15	0.5	Not detected	mg/kg
-cypermethrin		0.15	0.5	Not detected	mg/kg
-deltamethrin		0.15	0.5	Not detected	mg/kg
-fenvaterate		0.15	0.5	Not detected	mg/kg
-permethrin		0.15	0.5	Not detected	mg/kg
-bifenthrin		0.15	0.5	Not detected	mg/kg
-cyhalothrin (lambda-)		0.15	0.5	Not detected	mg/kg

SGS (MALAYSIA) SDN. BHD.



LING YEN HWA
 B.Sc (Hons), AMIC
 SENIOR CHEMIST

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/terms-and-conditions.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. 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. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

Your Reference -
 Sample Received Apr 13, 2016
 Date of Report May 05, 2016
 Page No. 7 of 7

Certificate No. LPAE/0436/16
Company Messrs. ORIENTAL INCHAWAY SDN BHD
No.9, 9-1/9-2, Jalan Pertama 2, Pusat
Perdagangan Danga Utama, 81300 , Skudai,
Johor Bahru, Malaysia.

TEST ITEMS	METHODS	LOD	LOQ	RESULTS	UNITS
*Pesticides Residue Carbamate	Modified method J. of AOAC International vol.90 No.2, 2007 QuEChERS Method				
-Oxamyl		0.02	0.10	Not detected	mg/kg
-Methomyl		0.02	0.10	Not detected	mg/kg
-Aldicarb		0.02	0.10	Not detected	mg/kg
-Carbofuran		0.02	0.10	Not detected	mg/kg
-Carbaryl		0.02	0.10	Not detected	mg/kg
-Isoproc carb		0.02	0.10	Not detected	mg/kg
-Methiocarb		0.02	0.10	Not detected	mg/kg

Remarks: 1. LOD = "Limit of Detection"
 2. Less than = Lower than LOQ "Limit of Quantitation"
 3. Test(s) marked * on this report are not included in the DMSc Accreditation Scope.

SGS (MALAYSIA) SDN. BHD.



 LING YEN HWA
 B.Sc (Hons), AMIC
 SENIOR CHEMIST