



CERTIFICATE



SIRIM QAS International hereby certifies that

ACIDCHEM INTERNATIONAL SDN. BHD.
NO. 2411, LORONG PERUSAHAAN SATU
PRAI INDUSTRIAL COMPLEX
13600 PRAI
PULAU PINANG
MALAYSIA



MS ISO/IEC 17021 : 2011
QS 02121999 CB 01

has implemented a Quality Management System complying with

ISO 9001 : 2008

QUALITY MANAGEMENT SYSTEMS - Requirements



Scope of Certification

- 1. DEVELOPMENT AND MANUFACTURE OF FATTY ACID AND GLYCERINE;**
- 2. MANUFACTURE OF FATTY ESTERS.**

Issue date : **27 January 2015**
Validity period : **27 February 2015 - 26 February 2018**
Certification No. : **AR 0630**

SIRIM QAS International Sdn. Bhd.
(Company No. 410334-X)
1, Persiaran Data' Menteri
Section 2, P. O. Box 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA

Tel : 60-3-5544 6404
Fax : 60-3-5544 6787

<http://www.sirim-qas.com.my>
<http://www.malaysiancertified.com.my>

Khalidah Mustafa
Managing Director
SIRIM QAS International Sdn. Bhd.

This certificate is granted subject to the terms and conditions as stated in the Certification Agreement.

CERTIFICATE

CU-RSPO SCC-819855

Based on an audit according to the requirements stated in the RSPO Supply Chain Certification Systems, version November 2014 and a signed contract, Control Union (Malaysia) Sdn Bhd herewith certifies that the facility(s) listed below are found to be in compliance with the RSPO Supply Chain Certification Systems, version November 2014. This guarantees that the criteria for processing RSPO certified palm oil products through one or more of the supply chain models as stated in the RSPO Supply Chain Certification Systems have been met.

Name of certified company	IOI Oleochemical Industries Berhad - IOI Acidchem Sdn Bhd
Full address certified company	2411, Lorong Perusahaan Satu, Prai Industrial Complex, 13600 Prai Penang MALAYSIA
RSPO Number (if applicable)	
Other sites certified (see annex 1)	<input type="checkbox"/>
RSPO registered parent company (if applicable)	IOI Corporation Berhad
RSPO member number parent company	2-0002-04-000-00

Scope of assessment	Purchase of several of Palm Oils and Palm Kernel Oils and processing into its derivatives and used for the manufacturing of Oils, Glycerine, Fatty Acids and Fatty Esters.
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Start date certificate	09-05-2017
Expiration date certificate	08-05-2022
Date of first RSPO certification	09-05-2012
Certificate number	CU-RSPO SCC-819855
Supply chain model	<input type="checkbox"/> Identity Preserved (IP) <input checked="" type="checkbox"/> Mass Balance (MB) <input checked="" type="checkbox"/> Segregation (SG)



Authorised signatory name

Ms. N Atiqah

Date of issue: 24-03-2017

On behalf of the Managing Director

Authorised signature



Issued by

Control Union (Malaysia) Sdn Bhd
B-3-1 Block B, Pusat Perniagaan Prima Klang,
Jalan Kota/KS 1,
41000 Klang
Selangor
MALAYSIA
0060-3-33771600/1700/1277
certifications@controlunion.com

Control Union Certifications is accredited to provide RSPO Supply Chain Certification on 05-11-2014 (RSPO-ACC-021)

This certificate including the annex remains the property of Control Union (Malaysia) Sdn Bhd and can be withdrawn in case of terminations as mentioned in the licensee contract, or in case changes or deviations of the above-mentioned data occur. The licensee is obliged to inform Control Union (Malaysia) Sdn Bhd immediately of any changes in the above mentioned data.
Only an original and signed certificate is valid.

Certificate version: C819855CU-RSPO SCC-01.2017



RSPO 8-0025-06-100-00

CERTIFICATE RSPO SCCS

CERTIFICATE CODE: CU-RSPO SCCS-815406

Based on an audit according to the regulations stated in the RSPO Supply Chain Certification Systems, version November 2011 and a signed contract, Control Union Certifications herewith certifies that the facility(s) listed below are found to be in compliance with the RSPO Supply Chain Certification Systems, version November 2011. This guarantees that the criteria for processing RSPO certified sustainable palm oil and palm kernel oil through one or more of the supply chain models as stated in the RSPO Supply Chain Certification Systems have been met.

Certificate holder information

Company Name:	IOI Corporation Berhad (IOI Group)
RSPO member number:	200020400000
Company Address:	Level 9, Two IOI Square, IOI Resort, 62502 Putrajaya, Malaysia
Contact manager*:	Rina Rahayu Md.Latar
Contact Email:	rina.rahayu@ioigroup.com
RSPO registered parent company of which the certificate holder is a subsidiary (If applicable):	
Company name:	
RSPO member number:	

* Contact details of management representative responsible for overseeing the certification process

Validity of certificate starts: 10/01/2013
Validity of certificate ends: 09/01/2018
Date of first RSPO certification: 10/01/2011

Issued by Control Union Certifications.

Meeuwenlaan 4-6, P.O. Box 161, 8000 AD Zwolle, The Netherlands.
 Tel: 0031 (0) 38 426 01 00.

Certifier: Markus Fertig
 Date: 26/12/2012

Certificate no: C815406CU-RSPO SCCS-04-2012

Signature of certifier:
 On behalf of the Managing Director



Control Union Certifications is accredited for ISO/IEC Guide 65:1996
 Approved by the RSPO for RSPO SCCS on 03/06/2010

Annex 1 to Certificate – RSPO SCCS

CERTIFICATE CODE: CU-RSPO SCCS- 815406

Control Union Certifications has performed an inspection assigned by:

Company Name:	IOI Corporation Berhad (IOI Group)
RSPO member number:	200020400000
Company Address:	Level 9, Two IOI Square, IOI Resort, 62502 Putrajaya, Malaysia
Contact manager:	Rina Rahayu Md.Latar
Contact Email:	rina.rahayu@ioigroup.com
RSPO registered parent company of which the certificate holder is a subsidiary (If applicable):	
Company name:	
RSPO member number:	

Certificate information

CU code:	Name of facility:	Location address:	Supply chain model *
ICS	IOI Corporation Berhad	Level 9, Two IOI Square, IOI Resort, 62502 Putrajaya, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
REF1	IOI Edible Oils Sdn Bhd	Km12, Sg.Mowtas jalan jaya Chip, Off Jalan Batu Sapi, PO Box 3423, 90738 Sandakan Sabah, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
REF2	IOI Loders Croklaan Oils Sdn Bhd	PLO 8 & 9 Jalan Timah, Pasir Gudang Industrial Estate, 81700 Pasir Gudang, Johor, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
REF3	Pan Century Edible Oils Sdn Bhd	Lot 240, Jalan Timah 3, Pasir Gudang Industrial Estate, 81700 Pasir Gudang, Johor, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
PRU1	IOI Commodity Trading Sdn Bhd	Level 9, Two IOI Square, IOI Resort, 62502 Putrajaya, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
PRU2	IOI Loders Croklaan Procurement Company Sdn Bhd	Level 9, Two IOI Square, IOI Resort, 62502 Putrajaya, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
PRU3	Pan Century Oleochemicals Sdn Bhd	Lot 231, Jakan Pekeliling, Pasir Gudang Industrial Estate, 81700, Pasir Gudang, Malaysia.	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
OTU1	Langsat Bulkiers Sdn Bhd	PLO 25 D, Jalan Tengar, Kompleks Perindustrian Tanjung Langsat, 81700, Pasir Gudang, Johor, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB
OTU2	Felda Johore Bulkiers	P.O. Box 67, 81707, Pasir Gudang, Johor, Malaysia	<input type="checkbox"/> IP, <input checked="" type="checkbox"/> SG, <input checked="" type="checkbox"/> MB

* Select applicable box(es)

Summary report, including brief description of the scope of assessment	
REF1	PURCHASE, PROCESS AND SELLS CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE
REF2	PURCHASE, PROCESS AND SELLS CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE
REF3	PURCHASE, PROCESS AND SELLS CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE
PRU1	PURCHASE AND SELLS CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE
ICS	PURCHASE AND SELLS CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE
PRU2	PURCHASE AND SELLS CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE
PRU3	Manufacturing of Fatty ACIDS AND GLYCERINE AND SOAP NOODLES
OTU1	Storing of following material of CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE
OTU2	Storing of following material of CRUDE PALM OIL, REFINED PALM OIL, STEARINE, OLEIN, STEARINE-SOLID FRACTION, STEARINE LIQUID FRACTION, OLEIN-PALM MID FRACTION, OLEIN-DOUBLE FRACTION, PALM FATTY ACID DISTILLED, PALM KERNEL FATTY ACID DISTILLATE, PALM KERNEL, PALM KERNEL EXPELLER, PALM KERNEL OIL, REFINED PALM KERNEL OIL, SOAP NOODLE

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Authenticated by:

Certifier: Markus Fertig

Date: 26/12/2012

Certificate no: C815406CU-RSPO SCCS-04.2012

Signature of certifier:
On behalf of the Managing Director.



CERTIFICATE

CU-RSPO SCC-819855

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Name of certified company	IOI Oleochemical Industries Berhad - IOI Acidchem Sdn Bhd
Full address certified company	2411, Lorong Perusahaan Satu, Prai Industrial Complex, 13600 Prai Penang MALAYSIA
RSPO Number (if applicable)	
Other sites certified (see annex 1)	<input type="checkbox"/>
RSPO registered parent company (if applicable)	IOI Corporation Berhad
RSPO member number parent company	2-0002-04-000-00

Scope of assessment	Purchase of several of Palm Oils and Palm Kernel Oils and processing into its derivatives and used for the manufacturing of Oils, Glycerine, Fatty Acids and Fatty Esters.
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Start date certificate	09-05-2017
Expiration date certificate	08-05-2022
Date of first RSPO certification	09-05-2012
Certificate number	CU-RSPO SCC-819855
Supply chain model	<input type="checkbox"/> Identity Preserved (IP) <input checked="" type="checkbox"/> Mass Balance (MB) <input checked="" type="checkbox"/> Segregation (SG)

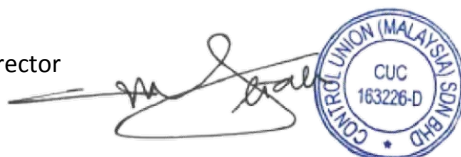
Authorised signatory name

Ms. N Atiqah

Date of issue: 24-03-2017

On behalf of the Managing Director

Authorised signature



Issued by

Control Union (Malaysia) Sdn Bhd
B-3-1 Block B, Pusat Perniagaan Prima Klang,
Jalan Kota/KS 1,
41000 Klang
Selangor
MALAYSIA
0060-3-33771600/1700/1277
certifications@controlunion.com

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Certificate version: C819855CU-RSPO SCC-01.2017



RSPO 8-0025-06-100-00

Elemental Impurities Information Request Form

Supplier Name: IOI ACIDCHEM SDN BHD Supplier Address: 2411 Lorong Perusahaan Satu, Prai Industrial Complex, 13600 Prai Penang, Malaysia. Manufacturer (if different than Supplier):	Supplier Phone Number: +604 3768888 Supplier Email Address: sales@ioioleo.com Date Form Filled Out: 22 December 2017
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Directions:

Identify elemental impurities in the "Material Name" below that are likely to be present. If likely to be present, identify expected concentration (or range), analytical method used and limit of detection, if known. Please note if any metals are intentionally used (i.e. **catalysts, reagents, etc.**) in the manufacturing process in the Comments column.

Please complete a separate form for each material

Material Name: [GLYCERINE 99.7% Min USP Kosher](#)

Source/Type of Excipient/Active: ___ Mineral ___ Mineral derived ___ Plant **Plant derived** ___ Synthetic ___ Fermentation derived

Other (explain): _____

Elemental Impurity	Symbol	Class	Likely to be Present <i>(check applicable box)</i>			Intentionally added	If Known, Please Identify the Expected Concentration /Units (or Range)	Analytical Method Used (and Limit of Detection if Available)	Comments regarding source of information (i.e.; frequency of testing, process understanding, etc.)
			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>				
Arsenic (inorganic)	As	1	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Cadmium	Cd	1	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Mercury (inorganic)	Hg	1	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Lead	Pb	1	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Cobalt	Co	2A	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Nickel	Ni	2A	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

Elemental Impurities Information Request Form

Elemental Impurity	Symbol	Class	Likely to be Present <i>(check applicable box)</i>			Intentionally added	If Known, Please Identify the Expected Concentration /Units (or Range)	Analytical Method Used (and Limit of Detection if Available)	Comments regarding source of information (i.e.; frequency of testing, process understanding, etc.)
			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>				
Vanadium	V	2A	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Silver	Ag	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Gold	Au	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Iridium	Ir	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Osmium	Os	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Palladium	Pd	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Platinum	Pt	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Rhodium	Rh	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Ruthenium	Ru	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Selenium	Se	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Thallium	Tl	2B	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Barium	Ba	3	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Chromium	Cr	3	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Copper	Cu	3	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Lithium	Li	3	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Molybdenum	Mo	3	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Antimony	Sb	3	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Tin	Sn	3	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

Elemental Impurities Information Request Form

References:

1. ICH Q3D Guideline for Elemental Impurities, Current Step 4 version, December 16, 2014
http://www.ich.org/fileadmin/Public_Web_Site/ICH_Products/Guidelines/Quality/Q3D/Q3D_Step_4.pdf
2. International Pharmaceutical Excipients Council of the Americas, Elemental Impurities Template, accessed October 06, 2015
<http://ipeamericas.org/content/elemental-impurities-template>

Name : Lim Chee Wee

Date : 22 Dec 2017

Signature :

A handwritten signature in black ink that reads "Chee Wee" with a stylized flourish underneath.

Disclaimer

The above information is provided for your sole information only and shall not be divulged to or shared with any third parties other than your subsidiaries. The information herein provided is based on facts existing as at the date hereof and may change with time. Notwithstanding anything to the contrary hereinstated, our company makes no representation or warranty, express or implied, as to the accuracy, completeness or reliability of any information, advice, statement of intent or statement of opinion made or given herein nor does anything hereinstated constitute a representation or warranty, express or implied in respect of our products including but not limited to specifications, quality, safety or fitness for any particular purpose. You acknowledge that any reliance on any such information shall be at your sole risk and we shall not be held liable in anyway whatsoever arising from such reliance.