



IOI OLEOCHEMICAL

IOI Acidchem Sdn Bhd
198301016306 (111715-H)



MS ISO/IEC 17025
TESTING
SAMM NO. 363

Certificate of Analysis

Page 1 of 2

Certificate No : 40000380163
Product : COMMODITY : LAURIC ACID 99%
MIN. PALMAC99-12 (BRAND NAME)
Batch No : 9912EAD196
SO No : 119432 :10
Customer PO No : FA-22054-1
Sample Type : BAGS
Sampling Procedure : WI-QC-003/WI-QC-005/WI-QC-022

ANALYSIS RESULTS

Test Parameters	Test Result	Specifications	Unit	Test Method
Acid Value	280.49	278.00 - 282.00	mg KOH/g	In-house Method LTM-QC-002(FA) based on AOCS Te 1a-64, 5th Edition
Saponification Value	281.56	279.00 - 283.00	mg KOH/g	AOCS Tl 1a-64, 5th Edition
Iodine Value	0.12	0.50 Max	g I2/100g	In-house Method LTM-QC-004(FA) based on AOCS Tg 1a-64, 5th Edition
Titer	43.6	42.0 - 44.0	°C	AOCS Tr 1a-64, 5th Edition
Colour	10	40 Max	APHA	In-house Method LTM-QC-029(FA,FE) based on ASTM D1209-93
Colour (5¼" Lovibond)_Y	1.0	2.0 Max	Yellow	AOCS Cc 13b-45, 5th Edition
Colour (5¼" Lovibond)_R	0.1	0.2 Max	Red	AOCS Cc 13b-45, 5th Edition
Fatty Acid Composition				

This COA shall not be re-produced except in full, without written approval from Laboratory.



Issued by shipper/ Manufacturer
CERTIFIED BY
IOI Acidchem Sdn Bhd

Tan Chee Cheng
B.APP.SC.(Hons) MMIC
(M/1853/4211/01)
ASST. QC MANAGER



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ANALYSIS RESULTS

Test Parameters	Test Result	Specifications	Unit	Test Method
C10	0.05	1.00 Max	%	In-house method LTM-QC-027(FA) based on AOCS Ce 2-66 & Ce 1e-91, 5th Edition
C12	99.83	99.00 Min	%	In-house method LTM-QC-027(FA) based on AOCS Ce 2-66 & Ce 1e-91, 5th Edition
C14	0.03	1.00 Max	%	In-house method LTM-QC-027(FA) based on AOCS Ce 2-66 & Ce 1e-91, 5th Edition
Others	0.10	1.00 Max	%	In-house method LTM-QC-027(FA) based on AOCS Ce 2-66 & Ce 1e-91, 5th Edition

Invoice No.: 90211396
L/C No.: LCC7682200874

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