

**Analytical Laboratory of Oleochemicals and Specialty Fats**

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A member of Musim Mas Group
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MEDAN, 18 APRIL 2017

CERTIFICATE OF QUALITY

DESCRIPTION OF GOODS : 4 X 20FT FCL : 64 MT = 2,560 BAGS
 FOR CONTRACT NO. MMO/20170313-03:
 NAME OF COMMODITY: MASCID 1299 LAURIC ACID 99PCT
 QUANTITY: 64MTS
 PACKING: 25KG STANDARD MUSIM MAS LAMINATED PAPER BAG,
 LOOSE STUFFED
 COUNTRY OF ORIGIN AND MANUFACTURER : INDONESIA AND
 PT. MUSIM MAS

VESSEL NAME : HORAI BRIDGE V.060 T/S APL CORAL V.213

SHIPMENT FROM : BELAWAN, INDONESIA

SHIPMENT TO : HUANGPU CHINA

SHIPMENT DATE : 18 APRIL 2017

L/C NO : LCC0110201700922 DATE OF ISSUE : 170328

THE LOT NO. : B0737CML1F

MANUFACTURE DATE : 24 MARCH 2017

EXPIRY DATE : 24 SEPTEMBER 2018
 (STORE UNDER COOL, DRY AND SHADED WAREHOUSE.
 AVOID DIRECT HEAT AND SUNLIGHT)

TEST PARAMETER	UNIT	TEST METHOD	RESULT	SPECIFICATION
ACID VALUE	mg KOH/g	AOCS Te 1a-64	279.9	278-282
SAPONIFICATION VALUE	mg KOH/g	AOCS Tl 1a-64	281.2	279-283
IODINE VALUE	gI ₂ /100g	AOCS Tg 1a-64	0.09	0.5 MAX
TITRE	°C	AOCS Tr 1a-64	43.2	42-44
COLOUR LOVIBOND 5 1/4"	R/Y	AMT-FGQ-F09	0.1R 0.5Y	0.2R 1.2Y MAX
FATTY ACID COMPOSITION	%	ISO 5509		
C10			0.3	1 MAX
C12			99.2	99 MIN
C14			0.4	1 MAX
OTHERS			0.1	0.5 MAX



LEONG HOW WAN
 QA MANAGER
 REF NO. MMO/20170313-03(1)
 PT. MUSIM MAS
 (AS MANUFACTURER)
 (SNM)