



PT. MUSIM LIAAS

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Analytical Laboratory of
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Medan 20371 - Indonesia



COPY

MEDAN, 16 SEPTEMBER 2014

CERTIFICATE OF ANALYSIS

DESCRIPTION OF GOODS : 7MT = 280 BAGS
TRIPLE PRESSED STEARIC ACID MASCID 1801
Q'TY 7MT
COUNTRY OF ORIGIN : INDONESIA

VESSEL NAME : PEARL RIVER BRIDGE V.351N T/S HANJIN NEW JERSEY V.0009E

SHIPMENT FROM : BELAWAN INDONESIAN PORT

SHIPMENT TO : INCHEON PORT, SOUTH KOREA

SHIPMENT DATE : 16 SEPTEMBER 2014

LOT NO. : B2214HML1B

TEST PARAMETER	UNIT	TEST METHOD	RESULT	SPECIFICATION
ACID VALUE	mg KOH/g	AOCS Te 1a-64	209.3	206-212
SAPONIFICATION VALUE	mg KOH/g	AOCS TI 1a-64	210.6	207-213
IODINE VALUE	gI ₂ /100g	AOCS Tg 1a-64	0.15	0.5 MAX
TITRE*	°C	AOCS Tr 1a-64	55.4	54-57
COLOUR LOVIBOND 5 1/4"	R/Y	TN-AM-F09	0.2R 0.4Y	0.3R 2.0Y MAX
<u>FATTY ACID COMPOSITION*</u>	%	ISO 5509		
C12+C14			0.4	3 MAX
C16			57.7	55-60
C18			41.3	39-45
OTHERS			0.6	1 MAX

Note: * =not accredited under ISO/IEC 17025



LEONG HOW WAN
QA MANAGER
REF NO. SC/14/OLE/0839(1)
(DS)

