

Date: 14 DECEMBER 2023

CERTIFICATE OF ANALYSIS

DESCRIPTION OF GOODS	: 2X20'FCL : 34 MT = 1360 BAGS 1) 33 MT OF TRIPLE PRESSED STEARIC ACID - PALMATA 1801 PACKING: IN PRINTED PAPER BAGS (1320 BAGS X 25 KGS/BAG) – LOOSE STUFFED 2) 1 MT OF TRIPLE PRESSED STEARIC ACID - PALMATA 1801 (RSPO-MB) PACKING: IN PRINTED PAPER BAGS (40 BAGS X 25 KGS/BAG) – LOOSE STUFFED
VESSEL NAME	: MERATUS MEDAN 5 V.350N
SHIPMENT DATE	: 14 DECEMBER 2023
LOAD PORT	: BELAWAN, INDONESIA
DISCHARGE PORT	: DURBAN, SOUTH AFRICA
CONTAINER NOS. / SEAL NOS.	: 1. CRSU1572060 / C8920466 2. CMAU0797938 / C8920467
LOT NO	: 23KA164G4
MANUFACTURING DATE	: 07 NOVEMBER 2023
EXPIRY DATE	: 07 NOVEMBER 2025

Chemical Properties	Method	Specified Range	Result
Acid Value, mg KOH/g	AOCS Te 1a - 64	205 – 212	210.4
Saponification Value, mg KOH/g	AOCS Tl 1a - 64 / AOCS Cd 3 - 25	206 – 213	211.5
Iodine Value, gI ₂ /100g	AOCS Tg 1a - 64	0.3 max	0.14
Titer, °C	AOCS Tr 1a - 64	54 - 56	55.4
Color, Lovibond 5 ¼" (Y/R)	AOCS Cc 13b -45 / LICO 690	3 / 0.3 max	0.3 / 0.1
Color APHA	AOCS Td 1b-64 / LICO 690	50 max	14
Moisture, %wt	Karl Fischer	0.3 max	0.19
Composition, %wt by GC	AOCS Ce 2-66		
C12: Lauric Acid		1 max	0.0
C14: Myristic Acid		2 max	0.3
C16: Palmitic Acid		54 – 62	59.7
C18:0: Stearic Acid		37 – 43	39.5
C18:1: Oleic Acid		0.3 max	0.0
Others		1 max	0.5