

CERTIFICATE OF ANALYSIS

DESCRIPTION OF GOODS : 1X20' FCL : 17.00MT = 680 BAGS
 17.00MT MYRISTIC ACID 99%MIN-PALMATA 1499
 PACKED IN 25KG NET WT BAGS LOOSE STUFFING
 TOTAL: 680BAGS
MARKING : MYRISTIC ACID 99% MIN - PALMATA 1499
 KOSHER (K) HALAL
 BATCH NO: 17IAK008E1
 GROSS WT: 25.18 KG
 NET WT : 25.0 KG
 PRODUCTION DATE: 17 SEPTEMBER 2017
 EXPIRY DATE: 17 SEPTEMBER 2019
 MANUFACTURER : PT PERMATA HIJAU PALM OLEO
 ORIGIN : INDONESIA
 IMPORTED BY ATLAS CHEMICALS (ATLASCHEMICALS@GMAIL.COM)

VESSEL NAME : YM HARMONY V.279E
 SHIPMENT DATE : 15 OCTOBER 2017
 LOAD PORT : BELAWAN, INDONESIA
 DISCHARGE PORT : NHAVA SHEVA, INDIA
 CONTAINER NOS. / SEAL NOS. : 1. TEMU2274963 / IDBLW1707369
 LOT NO : 17IAK008E1
 MANUFACTURING DATE : 17 SEPTEMBER 2017
 EXPIRY DATE : 17 SEPTEMBER 2019

Chemical /Physical Properties	Method	Specified Range	Result
Acid Value, mg KOH/g	AOCS Te 1a - 64	243 – 248	245.5
Saponification Value, mg KOH/g	AOCS Cd 3b - 76	244 – 249	246.6
Iodine Value, gI ₂ /100g	AOCS Tg 1a - 64	0.5 max	0.06
Titer, °C	AOCS Tr 1a - 64	52 – 54	54.0
Color, Lovibond 5 ¼" (Y/R)	AOCS Cc 13b -45	3 / 0.3 max	0.3 / 0.1
Color APHA	AOCS Td 1b-64	40 max	10
Moisture, %wt	KF Coulometric	0.4 max	0.08
Composition, %wt by GC	AOCS Ce 1-62 and AOCS Ce 2-66		
C12: Lauric Acid		1 max	0.2
C14: Myristic Acid		99 min	99.6
C16: Palmitic Acid		1 max	0.1
Others		0.5 max	0.1

We hereby certify the analysis of the sample as shown above

By Manufacturer

PT. PERMATA HIJAU PALM OLEO



OIC QA Superintendent