



CERTIFICATE OF ANALYSIS

CUSTOMER NAME :
PRODUCT : PALMERA B1802 TRIPLE PRESSED STEARIC ACID BEAD
DATE OF CERTIFICATE : 15-JULY-2023
OUR SALES ORDER : 2000299102-0
BATCH NUMBER/ LOT NUMBER :
QUANTITY :
MANUFACTURING DATE/ PRODUCTION DATE : 25-JUNE-2023
RECOMMENDED RETEST DATE/ EXPIRY DATE : 24-JUNE-2025
CUSTOMER PO NUMBER : PI LNJ 001

We certify, that we have examined a sample of the above mentioned goods with the following results :

<u>Test Description</u>	<u>Unit</u>	<u>Reference Test Method</u>	<u>Min</u>	<u>Max</u>	<u>Result</u>
Acid Value	mg KOH/g	AOCS Te 1a-64/ISO 660	205	211	208
Saponification Value	mg KOH/g	AOCS Tl 1a-64/ISO 3657	206	212	209
Iodine Value	g I ₂ /100g	AOCS Cd 1b-87/ISO 3961		0.50	0.13
Titre	°C	AOCS Tr 1a-64/ISO 935	54.0	57.0	55.0
Colour, Lovibond 5 1/4", Y	Yellow	AOCS Cc 13e-92/BS 684:1.14		2.0	0.2
Colour, Lovibond 5 1/4", R	Red	AOCS Cc 13e-92/BS 684:1.14		0.2	0.1
Colour APHA	HAZEN	AOCS Td 1b-64/ISO 6271		50	11
C12 + C14 Fatty Acids	%	AOCS Ce 1e-91/ISO 12966-4		2.0	0.3
C16, Palmitic Acid	%	AOCS Ce 1e-91/ISO 12966-4 48.0		55.0	52.2
C18, Stearic Acid	%	AOCS Ce 1e-91/ISO 12966-4 45.0		51.0	46.6
C20, Arachidic Acid	%	AOCS Ce 1e-91/ISO 12966-4		1.0	0.6

Recommended retest date/expiry date is only valid for product in its original and unopened package.

for **PALM-OLEO SDN. BHD.**

This is a computer generated printout and no signature is required.