

CERTIFICATE OF ANALYSIS

CUSTOMER NAME : JASMORE & CO.S.A
PRODUCT : PALMEROL 6830 CETO-STEARYL ALCOHOL
DATE OF CERTIFICATE : 21-OCTOBER-2025
OUR SALES ORDER : 2000390362-0
BATCH NUMBER/ LOT NUMBER : 1MA4425J
QUANTITY : 18.000 MT
MANUFACTURING DATE/ PRODUCTION DATE : 08-SEPTEMBER-2025
RECOMMENDED RETEST DATE/ EXPIRY DATE : 08-SEPTEMBER-2027
CUSTOMER PO NUMBER : 25466

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>
Appearance - White Pastilles. Clear when melted		Visual	Pass		Pass
Color APHA	HAZEN	ASTM D1209		10	4
Moisture	%	ASTM E203		0.30	0.07
Acid Value	mg KOH/g	AOCS Te 1a-64		0.10	0.01
Saponification Value	mg KOH/g	ASTM D5558		1.00	0.23
Iodine Value	gI ₂ /100g	AOCSCd 1b-87/AOCSTg 2a-64		0.5	0.0
Melting Point	°C	AOCS Cc 1-25	48.0	56.0	53.2
Hydroxyl Value	mg KOH/g	By Calculation	210	220	214
Hydrocarbon	%	GC, In-house method		0.50	0.02
≤C14 (1-Tetradecanol)	%	GC, In-house method		2.50	0.09
C16 (1-Hexadecanol)	%	GC, In-house method	22.00	32.00	29.13
C18 (1-Octadecanol)	%	GC, In-house method	65.00	75.00	70.55
≥C20 (1-Eicosanol)	%	GC, In-house method		1.00	0.09

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

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