

Manufacturer Address: No. 25 Jalan Sungai Pinang 5/18, Fasa 2D, 42920 Pelabuhan Klang, Selangor Darul Ehsan, Malaysia

## CERTIFICATE OF ANALYSIS

**PRODUCT** : PALMEROL 1618PK CETO-STEARYL ALCOHOL PK, PASTILE PAPER 25KG  
(CETOSTEARYL ALCOHOL TA-1618 (25KG BAG))  
CETOSTEARYL ALCOHOL TA-1618 (25KG)  
PGC TS GCAS No.:90775210  
RMS GCAS No.:  
P&G Brandcode:10275769  
Site QA No. & Vendor Code:15184381  
Product is stable for at least 2 years if kept under cool and dry conditions

**DATE OF CERTIFICATE** : 07-SEPTEMBER-2023  
**ORDER NUMBER** : US22-053  
**BATCH NUMBER/ LOT NUMBER** : 6W0323H  
**MANUFACTURING DATE** : 17-AUGUST-2023  
**CONTAINER/ SHIP TANK/ LORRY NUMBER** : TCKU4726353  
**CUSTOMER PO NUMBER** : A6P-4517313740

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, no extraneous matter		60044625	Pass		Pass
Color APHA	HAZEN	60065274		25	4
Moisture	%	64022739		0.30	0.12
Acid Value	mg KOH/g	60064737		0.50	0.19
Saponification Value	mg KOH/g	60065250		1.0	0.2
Iodine Value	g I <sub>2</sub> /100g	60064690		1.0	0.0
Melting Point	°C	60065260	48	56	54
Hydroxyl Value	mg KOH/g	60065138	208	218	214
Hydrocarbon	%	60065138		1.2	0.1
≤C14 (1-Tetradecanol)	%	60065138		1.5	0.4
C16 (1-Hexadecanol)	%	60065138	23.0		28.0
C18 (1-Octadecanol)	%	60065138	65.0		71.3
≥C20 (1-Eicosanol)	%	60065138		1.5	0.0

This analysis is not to be construed as a warranty. Customer is responsible to verify the lot and code numbers of product received with the numbers contained on this report and perform any other analyses necessary to determine suitability of the product described above or the use intended by the customer. No representations as to FDA regulated use are made for this product unless it is designated as meeting either USP, NF, Cosmetic grade or Food Grade Status. The foregoing statements are valid up to, but not beyond, delivery to our primary customer. Any subsequent handling, repackaging, storage, processing, etc. render these claims void and unsubstantiated by Procter & Gamble Chemicals.

Question? Call: +65-67123420 or contact customer service team via asiachemcs.im@pg.com  
Emergency: CHEM TREC 1-703-527-3887

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