



**P&G Chemicals**

Delivering solutions, creating value

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

## CERTIFICATE OF ANALYSIS

CETYL ALCOHOL CO-1696 (25KG)  
PGC TS GCAS No.:90807706  
RMS GCAS No.:10046026, 10045815, 95059607, 10045270  
P&G Brandcode:10275404  
Site QA No. & Vendor Code:9864 & 15184381  
Product is stable for at least 2 years if kept under cool and dry conditions

BATCH NUMBER/ LOT NUMBER : 6H0328J  
MANUFACTURING DATE : 26-SEPTEMBER-2018  
CONTAINER/ SHIP TANK/ LORRY NUMBER : SEGU1944431

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

Test Description	Unit	Reference Test Method	Min Pass	Max	Result Pass
Appearance-Clear when melted, no extraneous matter		60044625			Pass
Color APHA	HAZEN	60065274		10	5
Moisture	%	64022799		0.10	0.04
Acid Value	mg KOH/g	60064737		0.10	0.01
Carbonyl value	ppm	60061643		200	16
Saponification Value	mg KOH/g	60065250		0.5	0.2
Iodine Value	g I <sub>2</sub> /100g	60064690		0.8	0.0
Melting Point	°C	60065260	47	50	49
Hydroxyl Value	mg KOH/g	60065138	220	235	230
Hydrocarbon	%	60065138		0.5	0.2
≤C14 (1-Tetradecanol)	%	60065138		2.0	0.1
C16 (1-Hexadecanol)	%	60065138	98.0		99.2
≥C18 (1-Octadecanol)	%	60065138		1.9	0.2

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: CHEMTREC 1-703-527-3887

PROCTER AND GAMBLE INTERNATIONAL OPERATIONS SA, SINGAPORE BRANCH

